

**EPA Reg. No. 87290-44**  
**Vol. 1**



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Mr. Michael Kellogg  
Agent for Willowood, LLC  
C/O Pyxis Regulatory Consulting, Inc  
4110 136<sup>th</sup> St. NW  
Gig Harbor, WA 98332

MAR 11 2014


Subject: Product Name: Willowood Azoxystrobin 2.08SC  
EPA Reg. No. 87290-44  
Submission date: 2/6/2014  
Notification for Label Change per PRN 98-10: Make minor label revisions to facilitate registration in the state of California by adding restrictions on certain crop uses  
Decision Number 487856

Dear Registrant:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated 2/6/2014 for the above product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action(s) requested fall within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records.

If you have questions concerning this letter, please call Banza Djapao at 703-305-7269 or via email at [djapao.banza@epa.gov](mailto:djapao.banza@epa.gov), or you may call me at 703-308-3194.

Sincerely,

  
Shaja B. Joyner  
Product Manager 20  
Fungicide Branch  
Registration Division (7504P)



United States  
Environmental Protection Agency  
Washington, DC 20460

☐ Registration  
☐ Amendment  
☒ Other

OPP Identifier Number

## Application for Pesticide - Section I

1. Company/Product Number 87290-44	2. EPA Product Manager S. Joyner	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Willowood, LLC / Willowood Azoxystrobin 2.08SC	PM# 20	
5. Name and Address of Applicant (Include ZIP Code) Willowood, LLC c/o Pyxis Regulatory Consulting, Inc. 4110 136th St. NW Gig Harbor, WA 98332 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

## Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Submission of a label notification per PRN 98-10 to facilitate registration in the state of California. This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

## Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input checked="" type="checkbox"/> Metal	
				<input type="checkbox"/> Plastic	
				<input type="checkbox"/> Glass	
				<input type="checkbox"/> Paper	
				<input type="checkbox"/> Other (Specify) _____	
* Certification must be submitted					
3. Location of Nat Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 1, 2.5, 30, 250 gallons		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____			

## Section - IV

1. Contact Point /Complete items directly below for identification of individual to be contacted, if necessary, to process this application./					
Name Michael Kellogg		Title Agent		Telephone No. (Include Area Code) (253) 853-7369	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment, both under applicable law.					6. Data Application Received  (Stamped)
2. Signature 		3. Title Agent			
4. Typed Name Michael Kellogg		5. Date 2/6/14			

PYXIS REGULATORY CONSULTING, INC.

4110 136<sup>th</sup> St. NW  
Gig Harbor, WA 98332

Phone: 253-853-7369  
Fax: 253-853-5516  
www.PyxisRC.com

February 6, 2014

2/10

COURIER DELIVERY

Shaja Joyner (PM 20)  
Document Processing Desk (NOTIF)  
Office of Pesticide Programs (7504P)  
U.S. Environmental Protection Agency  
Room S-4900, One Potomac Yard  
2777 S. Crystal Drive  
Arlington, VA 22202-4501

RE: Willowood, LLC – Willowood Azoxystrobin 2.08SC (EPA Reg. No. 87290-44)  
Notification of Minor Label Revisions per PRN 98-10 to Facilitate Registration in the State of California

Dear Ms. Joyner,

On behalf of Willowood, LLC please find the enclosed notification of minor label revisions to facilitate registration in the state of California. Changes made to the enclosed label include:

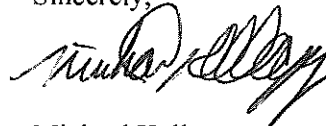
- P. 22 – Added “Not approved for this use in California” to Pummelo and Citrus Hybrid for soilborne disease applications. ✓
- P. 50 – Added “Not approved for this use in California” to Postharvest use on Citrus Fruit Crop Group 10-10. ✓
- P. 51 – Added “Not approved for this use in California” to Postharvest use on Tuberous and Corm Vegetable Subgroup 1C. ✓
- P. 52 – Added optional text “Not approved for use on Turf in California.” ✓
- P. 54 – Added “Not approved for use as a Seed Treatment in California.” ✓

In support of this notification submission, we submit the following documents:

1. Completed Application for Registration (EPA Form 8570-1)
2. One (1) copy of the Willowood Azoxystrobin 2.08SC labeling with changes tracked
3. One (1) copy of the Willowood Azoxystrobin 2.08SC labeling with changes incorporated
4. Certification with Respect to Label Integrity
5. One (1) copy of the Willowood Azoxystrobin 2.08SC labeling on CD
6. Letter of Authorization

Please feel free to contact me by phone (253) 853-7369 or by email at Mike@PyxisRC.com if you have any questions or need any additional information.

Sincerely,



Michael Kellogg

Enclosures

cc: B. Heinze; Willowood, LLC

# NOTIFICATION

MAR 11 2014

GROUP

11

FUNGICIDE

## Willowood Azoxystrobin 2.08SC

[Alternate Brand Name: Willowood Axozy 2SC]

Use as a broad spectrum fungicide for control of listed plant diseases on labeled crops; for control of listed post-harvest diseases in banana and citrus; and for control of listed diseases on labeled turf sites.

### ACTIVE INGREDIENT:

Azoxystrobin: methyl (E)-2-[2-[6-(2-cyanophenoxy)pyrimidin-4-yloxy]phenyl]-3-methoxyacrylate\* .....22.9%

OTHER INGREDIENTS: .....77.1%

TOTAL: ..... 100.0%

Contains 2.08 lb. a.i. of active ingredient per gallon.

\*IUPAC

## KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID	
If swallowed:	<ul style="list-style-type: none"><li>• Call a poison control center or doctor immediately for treatment advice.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
If skin or clothing:	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency information concerning this product, call the National Pesticides Information Center (NPIC) at 1-800-858-7378 seven days a week, 6:30 am to 4:30 pm Pacific Time or your poison control center at 1-800-222-1222.	

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if swallowed. Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing.

EPA Reg. No. 87290-44

Manufactured for:  
Willowood, LLC  
1600 NW Garden Valley Blvd. #120  
Roseburg, OR 97471

EPA Est. No.

Net Contents:

## PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemically resistant to this product are listed below. If you want more options, follow the instructions for category A on an EPA chemical resistance category selection chart.

### Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material such as polyvinyl chloride, nitrile rubber or butyl rubber
- Shoes plus socks

## USER SAFETY REQUIREMENTS

Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

## ENGINEERING CONTROLS

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240 (d) (4-6)), the handler PPE requirements may be reduced or modified as specified in the WPS.

**IMPORTANT:** When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for "applicators and other handlers" and have such PPE immediately available for use in an emergency, such as a spill or equipment breakdown.

## USER SAFETY RECOMMENDATIONS

### Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Wash thoroughly with soap and water after handling.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

## ENVIRONMENTAL HAZARDS

Azoxystrobin is toxic to freshwater and estuarine/marine fish and aquatic invertebrates. Azoxystrobin can be persistent for several months or longer.

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or regional office of the EPA.

For terrestrial uses: Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment washwater or rinsate.

### Ground Water Advisory

Azoxystrobin and degradate of azoxystrobin are known to leach through soil to ground water under certain conditions as a result of label use. This chemical may leach into ground water if used in areas where soils are permeable, particularly where the water table is shallow.

### Surface Water Advisory

This product may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soils and soils with shallow ground water. This product is classified as having a high potential for reaching surface water via runoff for several months or more after application. A level, well-maintained

vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential loading of azoxystrobin and a degradate of azoxystrobin from runoff water and sediment. Runoff of this product will be reduced by avoiding applications when rainfall or irrigation is expected to occur within 48 hours.

Notify State and/or Federal authorities and Willowood, LLC immediately if you observe any adverse environmental effects due to use of this product.

## **DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Failure to follow the use directions and precautions on this label may result in plant injury or poor disease control.

Use of this product through airblast application equipment on grapes is prohibited in the following townships and boroughs of Erie County, Pennsylvania:

North East, Harborcreek, Lawrence Park, Erie, Presque Isle, Millcreek, Fairview, Girard and Springfield

This prohibition is intended to help eliminate phytotoxicity problems with apples observed in this geographic location.

### **FAILURE TO FOLLOW THE USE DIRECTIONS AND PRECAUTIONS ON THIS LABEL MAY RESULT IN PLANT INJURY OR POOR DISEASE CONTROL.**

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

## **AGRICULTURAL USES**

Commercial turf farm use (Not for use in California).

### **AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Chemical-resistant gloves made of any waterproof material such as polyvinyl chloride, nitrile rubber or butyl rubber
- Shoes plus socks

## **NON-AGRICULTURAL USES**

Golf Courses (Not for use in California).

For use to control diseases on turf on golf courses, lawns and landscape areas around residential, institutional, public, commercial and industrial buildings, parks, recreational areas and athletic fields.

### **NON-AGRICULTURAL USE REQUIREMENTS**

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker

Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. The area being treated must be vacated by unprotected persons.

Do not treat areas while unprotected humans or domestic animals are present in the treatment areas. Because certain states may require more restrictive reentry intervals, consult your State Department of Agriculture for further information.

Do not allow entry into treatment area until area that was treated with this product is dry.

## PRODUCT INFORMATION

Willowood Azoxystrobin 2.08SC is a broad spectrum, preventative fungicide with systemic and curative properties recommended for the control of many important plant diseases. Willowood Azoxystrobin 2.08SC may be applied as a foliar spray in alternating spray programs or in tank mixes with other registered crop protection products. All applications must be made according to the use directions that follow.

## RESTRICTIONS

Do not graze or feed clippings from treated turf areas to animals.

Do not use for disease control in food crops grown in greenhouses.

DO NOT spray Willowood Azoxystrobin 2.08SC where spray drift may reach apple trees.

DO NOT spray when conditions favor drift beyond area intended for application. Conditions which may contribute to drift include thermal inversion, wind speed and direction, sprayer nozzle/pressure combinations, spray droplet size, etc. Contact your State extension agent for spray drift prevention guidelines in your area.

DO NOT use spray equipment which has been previously used to apply Willowood Azoxystrobin 2.08SC to spray apple trees. Even trace amounts can cause unacceptable phytotoxicity to certain apple and crabapple varieties.

## PRECAUTIONS

Willowood Azoxystrobin 2.08SC is extremely phytotoxic to certain apple varieties.

AVOID SPRAY DRIFT. Extreme care must be used to prevent injury to apple trees (and apple fruit).

AVOIDING SPRAY DRIFT IS THE RESPONSIBILITY OF THE APPLICATOR.

Willowood Azoxystrobin 2.08SC may demonstrate some phytotoxic effects when mixed with products that are formulated as ECs. These effects are enhanced if applications are made under cool, cloudy conditions and these conditions remain for several days following application. In addition, adjuvants that contain some form of silicone have also contributed to phytotoxicity.

## USE INSTRUCTIONS

**Application:** Thorough coverage is necessary to provide good disease control. Make no more spray solution than is needed for application. Avoid spray overlap, as crop injury may occur.

**Adjuvants:** When an adjuvant is to be used with this product, the use of an adjuvant that meets the standards of the Chemical Producers and Distributors Association (CPDA) adjuvant certification is recommended.

**Efficacy:** Under certain conditions conducive to extended infection periods, use another registered fungicide for additional applications if maximum amount of Willowood Azoxystrobin 2.08SC has been used. If resistant isolates to Group 11 fungicides are present, efficacy can be reduced for certain diseases. The higher rates in the rate range and/or shorter spray intervals may be required under certain conditions of heavy infection pressure, with highly susceptible varieties, or when environmental conditions are conducive to disease.



## INTEGRATED PEST (DISEASE) MANAGEMENT

Willowood Azoxystrobin 2.08SC should be integrated into an overall disease and pest management strategy whenever the use of a fungicide is required. Cultural practices known to reduce disease development should be followed. This should include selection of varieties with disease tolerance, removal of plant debris in which inoculums overwinters, and proper timing and placement of irrigation. Consult your local agricultural authorities for additional IPM strategies established for your area. Willowood Azoxystrobin 2.08SC may be used in State Agricultural Extension advisory (disease forecasting) programs which recommend application timing based on environmental factors favorable for disease development.

**Crop Tolerance:** Plant tolerance has been found to be acceptable for all crops on the label, however, not all possible tank-mix combinations have been tested under all conditions. When possible, it is recommended to test the combinations on a small portion of the crop to ensure that a phytotoxic response will not occur as a result of application. See the PRECAUTIONS section for apple phytotoxicity information.

## RESISTANCE MANAGEMENT

GROUP	<b>11</b>	FUNGICIDE
-------	-----------	-----------

Willowood Azoxystrobin 2.08SC (azoxystrobin) is a Group 11 fungicide. The mode of action for Willowood Azoxystrobin 2.08SC is the inhibition of the QoI (quinone outside) site within the electron transport system [Group 11]. Fungal pathogens can develop resistance to products with the same mode of action when used repeatedly. Because resistance development cannot be predicted, use of this product should conform to resistance management strategies established for the crop and use area. Consult your local or State agricultural authorities for resistance management strategies that are complementary to those in this label. Resistance management strategies may include alternating and/or tank-mixing with products having different modes of action or limiting the total number of applications per season. Syngenta encourages responsible resistance management to ensure effective long-term control of the fungal diseases on this label.

Follow the crop specific resistance management recommendations in the directions for use.

If no resistance recommendation on number of applications is specified in the directions for use, follow the recommendations in the table below.

If planned total number of fungicide applications per crop is:	1	2	3	4	5	6	7	8	9	10	11	12
<b>Recommended Solo QoI fungicide sprays</b>	1	1	2	2	2	2	2	3	3	3	3	4
<b>Recommended QoI fungicide sprays in mixture (tank-mix formulated)</b>	1	2	2	2	2	3	3	4	4	5	5	6

In situations requiring multiple sprays, develop season long spray programs for Group 11 (QoI) fungicides. In crops where two sequential Group 11 fungicide applications are made, they should be alternated with two or more applications of a fungicide that is not in Group 11. If more than 12 applications are made, observe the following guidelines:

- When using QoI fungicide as a solo product, the number of applications must be no more than 1/3 (33%) of the total number of fungicide applications per season.
- For QoI mixes in programs in which tank mixes or pre mixes of QoI with mixing partners of a different mode of action are utilized, the number of QoI containing applications must be no more than 1/2 (50%) of the total number of fungicide applications per season.
- In programs in which applications of QoI are made with both solo products and mixtures, the number of QoI containing applications must be no more than 1/2 (50%) of the total number of fungicide applications per season.

If Group 11 fungicide is applied to the seed or soil, do not make another application with a Group 11 fungicide for at least 3 weeks.

### Rotational Crop Restrictions

The following crops may be planted at the specified interval following application of this product.

#### Crop Rotational Interval

	Plant Back Interval
Buckwheat, millet	12 months
All other crops with Azoxystrobin registered uses	0 days

### SOILBORNE/SEEDLING DISEASE CONTROL

For those crops that have specific use directions for soilborne disease control: Willowood Azoxystrobin 2.08SC can provide control of many soilborne diseases if applied early in the growing season. Specific applications for soilborne diseases include in-furrow applications and banded applications applied over the row, either shortly after plant emergence or during herbicide applications or cultivation. These applications will provide control of pre- or postemergence damping off and diseases that infect plants at the soil-plant interface.

The use of either type of application depends on the cultural practices in the region. In some locations, one type of application may provide better disease control than the other, depending on the timing of the disease epidemic. Seedling diseases are generally controlled by in-furrow applications while banded applications are more effective against soilborne diseases that develop later in the season. Consult your local expert to get some guidance regarding application type.

Under cool, wet conditions, crop injury from soil directed applications can occur.

#### BANDED

- Apply Willowood Azoxystrobin 2.08SC prior to infection as a directed spray to the soil, using single or multiple nozzles, adjusted to provide thorough coverage of the lower stems and the soil surface surrounding the plants.
- Band width should be limited to 7 inches or less.
- Apply Willowood Azoxystrobin 2.08SC at a rate of 0.40-0.80 fl. oz. product (0.10-0.20 oz. a.i.)/1000 row feet. For banded applications on 22-inch rows, the maximum application rate is 0.70 fl. oz./1000 row feet.
- These applications come into contact with the foliage and are counted as foliar applications when considering resistance management.
- They may be applied during cultivation or hilling operations to provide soil incorporation.

#### IN-FURROW

- Apply Willowood Azoxystrobin 2.08SC as an in-furrow spray in 3-15 gallons of water at planting.
- Mount the spray nozzle so the spray is directed into the furrow just before the seeds are covered.
- Use the higher rate when the weather conditions are expected to be conducive for disease development, if the field has a history of Pythium problems, or if minimum/low till programs are in place.

#### IN-FURROW APPLICATION RATES

RATE PER 1000 ROW FEET		PRODUCT PER ACRE (fl. oz.)						
Fl. oz. product	Oz. a.i.	22" Rows	30" Rows	32" Rows	34" Rows	36" Rows	38" Rows	40" Rows
0.40	0.10	9.5	7.0	6.5	6.1	5.8	5.5	5.2
0.60	0.15	14.3	10.5	9.8	9.2	8.7	8.3	7.8
0.80	0.20		14.0	13.0	12.2	11.6	11.0	10.4

22" = 23,760 row ft., 30" = 17,424 row ft., 32" = 16,315 row ft., 34" = 15,374 row ft., 36" = 14,520 row ft., 38" = 13,754 row ft., and 40" = 13,068 row ft./Acre

## **DRIP**

Refer to the **Application Instructions Through Irrigation System** section.

## **SPRAY DRIFT MANAGEMENT**

To avoid spray drift, do not apply when conditions favor drift beyond the target area. The interaction of many equipment and weather related factors determine the potential for spray drift. **AVOIDING SPRAY DRIFT AT THE APPLICATION SITE IS THE RESPONSIBILITY OF THE APPLICATOR AND THE GROWER.**

## **ATTENTION**

Willowood Azoxystrobin 2.08SC is extremely phytotoxic to certain apple varieties.

**AVOID SPRAY DRIFT.** Extreme care must be used to prevent injury to apple trees (and apple fruit).

**DO NOT** spray Willowood Azoxystrobin 2.08SC where spray drift may reach apple trees.

**DO NOT** spray when conditions favor drift beyond area intended for application. Conditions which may contribute to drift include thermal inversion, wind speed and direction, sprayer nozzle/pressure combinations, spray droplet size, etc. Contact your State extension agent for spray drift prevention guidelines in your area.

**DO NOT** use spray equipment which has been previously used to apply Willowood Azoxystrobin 2.08SC to spray apple trees. Even trace amounts can cause unacceptable phytotoxicity to certain apple and crabapple varieties.

**AVOIDING SPRAY DRIFT IS THE RESPONSIBILITY OF THE APPLICATOR.**

Do not apply when weather conditions favor drift from treated areas to non-target aquatic habitat.

## **MIXING AND APPLICATION METHODS**

### **Spray Equipment**

Willowood Azoxystrobin 2.08SC may be applied with all types of spray equipment commonly used for making ground and aerial applications. Proper adjustments and calibration of spraying equipment to give good canopy penetration and coverage is essential for good disease control.

### **Nozzles**

- Equip sprayers with nozzles that provide accurate and uniform application.
- Nozzles should be the same size and uniformly spaced across the boom.
- Calibrate sprayer before use.
- It is suggested that screens be used to protect the pump and to prevent nozzles from clogging.
- Screens placed on the suction side of the pump should be 16-mesh or coarser.
- Do not place a screen in the recirculation line.
- Use 50-mesh or coarser screens between the pump and boom, and where required, at the nozzles.
- Check nozzle manufacturer's recommendations.

### **Pump**

- Use a pump with capacity to:
  - (1) Maintain 35-40 psi at nozzles
  - (2) Provide sufficient agitation in tank to keep mixture in suspension – this requires recirculation of 10% of tank volume per minute.
- Use a jet agitator or liquid sparge tube for agitation.
- Do not air sparge.

For more information on spray equipment and calibration, consult sprayer manufacturers and state recommendations. For specific local directions and spray schedules, consult the current state agricultural recommendations.

### **Mixing Instructions**

- Willowood Azoxystrobin 2.08SC is a suspension concentrate (SC) formulation.

- Prepare no more spray mixture than is required for the immediate operation.
- Thoroughly clean spray equipment before using this product.
- Agitate the spray solution before and during application.
- Rinse spray tank thoroughly with clean water after each day's use and dispose of pesticide rinsate by application to an already treated area.

#### **Willowood Azoxystrobin 2.08SC Alone (No Tank Mix)**

- Add 1/2 - 2/3 of the required amount of water to the spray or mixing tank.
- With the agitator running, add Willowood Azoxystrobin 2.08SC to the tank.
- Continue agitation while adding the remainder of the water.
- Begin application of the spray solution after Willowood Azoxystrobin 2.08SC has completely dispersed into the mix water.
- Maintain agitation until all of the mixture has been sprayed.

**Willowood Azoxystrobin 2.08SC + Tank Mixtures:** Willowood Azoxystrobin 2.08SC is usually compatible with all tank-mix partners listed on this label. To determine the physical compatibility of Willowood Azoxystrobin 2.08SC with other products, use a jar test. Using a quart jar, add the proportionate amounts of the products to 1 qt. of water. Add wettable powders and water dispersible granular products first, then liquid flowables, and emulsifiable concentrates last. After thoroughly mixing, let stand for at least 5 minutes. If the combination remains mixed or can be remixed readily, it is physically compatible. Once compatibility has been proven, use the same procedure for adding required ingredients to the spray tank.

Willowood Azoxystrobin 2.08SC has demonstrated some phytotoxic effects when mixed with products that are formulated as emulsifiable concentrates (EC). These effects are enhanced if applications are made under cool, cloudy conditions and these conditions remain for several days following application. In addition, adjuvants that contain some form of silicone have also contributed to phytotoxicity.

#### **Mixing in the Spray Tank**

- Add 1/2 - 2/3 of the required amount of water to the spray or mixing tank.
- With the agitator running, add the tank-mix partner(s) into the tank in the same order as described above.
- Allow the material to completely dissolve and disperse into the mix water. Continue agitation while adding the remainder of the water and Willowood Azoxystrobin 2.08SC to the spray tank.
- Allow Willowood Azoxystrobin 2.08SC to completely disperse.
- Spray the mixture with the agitator running.

#### **APPLICATION INSTRUCTIONS THROUGH IRRIGATION SYSTEMS (CHEMIGATION)**

##### **Application Through Irrigation Systems (Chemigation)**

- Use only on crops for which chemigation is specified on this label.
- Apply this product only through center pivot, solid set, hand move, or moving wheel irrigation systems. Do not apply this product through any other type of irrigation system.
- Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water.
- Apply in 0.1-0.25 inches/acre. Excessive water may reduce efficacy.
- If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers, or other experts.
- Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system, unless the pesticide label-prescribed safety devices for public water systems are in place.
- A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

**Spray Preparation:** Chemical tank and injector system should be thoroughly cleaned. Flush system with clean water.

**Drip Irrigation:** Willowood Azoxystrobin 2.08SC may be applied through drip irrigation systems for soilborne disease control. The soil should have adequate moisture capacity prior to drip application.

Terminate drip irrigation at fungicide depletion from the main feed supply tank or after 6 hours from start, whichever is shorter. For maximum efficacy, subsequent irrigation (water only) should be delayed for at least 24 hours following drip application.

### **Sprinkler Irrigation**

- Apply this product through sprinkler irrigation systems including center pivot, lateral move, end tow, side [wheel] roll, traveler, big gun, solid set, or hand move irrigation systems.
- Do not apply this product through any other type of irrigation system except as specified on this label.
- Apply with center pivot or continuous-move equipment distributing ½ acre-inch or less during treatment.
- In general, use the least amount of water required for proper distribution and coverage.
- If stationary systems (solid set, handlines or wheel lines other than continuous-move) are used, this product should be injected into no more than the last 20-30 minutes of the set.
- Do not apply when winds are greater than 10-15 mph to avoid drift or wind skips.
- Do not apply when wind speed favors drift beyond the area intended for treatment.
- Plant injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform treated water.
- Thorough coverage of foliage is required for good control.
- Good agitation should be maintained during the entire application period.

If you have questions about calibration you should contact State Extension Service specialist, equipment manufacturers or other experts.

### **Operating Instructions**

- 1) Do not apply when wind speed favors drift beyond the area intended for treatment.
- 2) The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water-source contamination from backflow.
- 3) The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- 4) The pesticide injection pipeline must also contain a functional, normally closed solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- 5) The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- 6) The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
- 7) Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- 8) Allow sufficient time for pesticide to be flushed through all lines and all nozzles before turning off irrigation water. A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.
- 9) Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.

### **Center Pivot Irrigation Equipment**

**Notes:** (1) Use only with drive systems which provide uniform water distribution. (2) Do not use end guns when chemigating Willowood Azoxystrobin 2.08SC through center pivot systems because of non-uniform application.

- Determine the size of the area to be treated.
- Determine the time required to apply 1/8-1/2 inch of water over the area to be treated when the system and injection equipment are operated at normal pressures as specified by the equipment manufacturer. When applying Willowood Azoxystrobin 2.08SC through irrigation equipment, use the lowest obtainable water volume while maintaining uniform distribution. Run the system at 80-95% of the manufacturer's rated capacity.
- Using water, determine the injection pump output when operated at normal line pressure.
- Determine the amount of Willowood Azoxystrobin 2.08SC required to treat the area covered by the irrigation system.
- Add the required amount of Willowood Azoxystrobin 2.08SC and sufficient water to meet the injection time requirements to the solution tank.
- Make sure the system is fully charged with water before starting injection of the Willowood Azoxystrobin 2.08SC solution. Time the injection to last at least as long as it takes to bring the system to full pressure.
- Maintain constant solution tank agitation during the injection period.
- Continue to operate the system until the Willowood Azoxystrobin 2.08SC solution has cleared the sprinkler head.

#### **Solid Set, Hand Move, and Moving Wheel Irrigation Equipment**

- Determine the acreage covered by the sprinklers.
- Fill injector solution tank with water and adjust flow rate to use the contents over a 20 to 30-minute interval. When applying Willowood Azoxystrobin 2.08SC through irrigation equipment use the lowest obtainable water volume while maintaining uniform distribution.
- Determine the amount of Willowood Azoxystrobin 2.08SC required to treat the area covered by the irrigation system.
- Add the required amount of Willowood Azoxystrobin 2.08SC into the same quantity of water used to calibrate the injection period.
- Operate the system at the same pressure and time interval established during the calibration.
- Stop injection equipment after treatment is completed. Continue to operate the system until the Willowood Azoxystrobin 2.08SC solution has cleared the last sprinkler head.

#### **Specific Instructions for Public Water Systems**

1. Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.
2. Chemigation systems connected to public water systems must contain a functional reduced-pressure zone, back-flow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.
3. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
4. The pesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
5. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.
6. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

7. Do not apply when wind speed favors drift beyond the area intended for treatment.

### USE INSTRUCTIONS

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Alfalfa</b> (See Nongrass Animal Feeds Forage, Fodder, Straw and Hay)			
<b>Almonds</b>	Alternaria Leaf and Fruit Spot ( <i>Alternaria alternata</i> ) Anthracnose ( <i>Colletotrichum acutatum</i> ) Leaf Blight ( <i>Seimatosporium lichenicola</i> ) Leaf Rust ( <i>Tranzschelia discolor</i> ) Scab ( <i>Cladosporium carpopophilum</i> ) Shot Hole ( <i>Wilsonomyces carpophilus</i> )	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease and continue throughout the season following the resistance management guidelines. Applications may be made by ground, air or chemigation. For aerial applications apply in a minimum of 15 GPA. Thorough and uniform coverage is essential for disease control. Reduced efficacy has been observed when uniform coverage cannot be obtained.  Willowood Azoxystrobin 2.08SC may be applied by air only at growth stages prior to and including 5 weeks after petal fall. An adjuvant may be added at specified rates.
	Brown Rot Blossom Blight ( <i>Monilinia laxa, M fructicola</i> )	12.0-15.5 (0.20-0.25)	Anthracnose, scab and shot hole: Begin applications prior to disease development and continue at 7- to 14- day intervals throughout the season.  Blossom blight: Begin applications at early bloom and continue through petal fall.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 92.3 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.5 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 28 days of harvest (28-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Artichoke, Globe	Ramularia Leaf Spot ( <i>Ramularia cynarae</i> )	11.0-15.5 (0.18-0.25)	<p>Begin applications prior to or in the early stages of disease development and continue as needed throughout the season at a 2-3 week interval, up to and including the day of harvest. Do not apply at less than 7-day intervals. Applications may be made by ground, air or chemigation. For ground applications, apply in 50-200 gallons of water per acre to obtain coverage without excessive runoff. For aerial applications, apply in a minimum of 5 gallons of water per acre. An adjuvant may be added at specified rates.</p> <p>Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.</p>
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 92.3 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.5 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Asparagus	Stemphyllium Purple Spot ( <i>Stemphyllium vesicarium</i> )	6.0-15.5 (0.10-0.25)	<p>Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season on a 7- to 14-day schedule, following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates. Use a minimum of 10 gallons of water per acre by air. An adjuvant may be added at specified rates.</p> <p>Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.</p>



Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Specific Use Restrictions:</b> 1) Do not apply more than 92.3 fl. oz. of product/A/season. 2) Do not apply more than 1.5 lb. a.i./A/season of azoxystrobin-containing products. 3) Do not apply within 100 days of harvest (100-day PHI).			
Bananas Plantains	Black Sigatoka <i>(Mycosphaerella fijiensis)</i> Yellow Sigatoka <i>(Mycosphaerella musicola)</i>	5.5-8.5 (0.09-0.135)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season every 12-14 days following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates. Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternations with a fungicide that is not in Group 11.
<b>Specific Use Restrictions:</b> 1) Do not apply more than 66.4 fl. oz. of product/A/season. 2) Do not apply more than 1.08 lb. a.i./A/season of azoxystrobin-containing products. 3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Cereals	Kernel Blight ( <i>Alternaria</i> spp.)	6.0-12.0 (0.10-0.20)	Willowood Azoxystrobin 2.08SC should be applied prior to disease development. Protecting the flag leaf is important for maximizing disease control. For best results, sufficient water volume must be used to provide thorough coverage. Willowood Azoxystrobin 2.08SC can be applied by ground, air or chemigation. A crop oil concentrate adjuvant may be added at 1% v/v to optimize efficacy. For chemigation, apply in 0.1-0.25 inches/A of water. Chemigation with excessive water may lead to a decrease in efficacy. Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11. Do not make more than two applications of Willowood
Barley	Leaf Rust ( <i>Puccinia hordei</i> )		
Oats	Barley Stripe ( <i>Drechslera graminea</i> = <i>Pyrenophora graminea</i> )	9.0-12.0 (0.15-0.20)	
Rye	Net Blotch ( <i>Pyrenophora teres</i> )		
	Powdery Mildew ( <i>Erysiphe graminis</i> f. sp. <i>Hordei</i> )	12.0 (0.20)	
	Stagonospora Blotch ( <i>Stagonospora nodorum</i> )		

			Azoxystrobin 2.08SC or other Group 11 fungicide per season.
--	--	--	---

**Specific Use Restrictions:**

- 1) Do not apply after Feekes 10.54.
- 2) Do not apply more than 0.40 lb. a.i./A/season of azoxystrobin-containing products.
- 3) Do not apply within 7 days of grazing or harvest (7-day PHI) for forage and hay.

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Berries</b> <b>Bushberry</b> <b>Subgroup 13-07B</b>  Aronia Berry Blueberry, Highbush Blueberry, Lowbush Buffalo Currant Chilean Guava Cranberry, Highbush Currant, Black Currant, Red Elderberry European Barberry Gooseberry Honeysuckle, Edible Huckleberry Jostaberry Juneberry (Saskatoon Berry) Lingonberry Native Currant Salal Sea Buckthorn  Including all cultivars and/or hybrids of these.	Alternaria Fruit Rot ( <i>Alternaria</i> spp.) Anthracnose Fruit Rot ( <i>Colletotrichum</i> <i>gloeosporioides</i> ) Botryosphaeria Canker ( <i>Botryosphaeria</i> spp.) Mummyberry ( <i>Monilinia</i> <i>vaccinii-corymbosi</i> ) Phomopsis Stem Canker ( <i>Phomopsis vaccinii</i> ) Powdery Mildew ( <i>Sphaerotheca</i> spp.) Septoria Blight ( <i>Septoria</i> spp.)	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season on a 7- to 14- day schedule, following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.

**Specific Use Restrictions:**

- 1) Do not apply more than 46 fl. oz. of product/A/season.
- 2) Do not apply more than 0.75 lb. a.i./A/season of azoxystrobin-containing products.
- 3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Berries,</b> <b>Caneberry Subgroup</b> <b>13-07A</b>  Blackberry Bingleberry	Anthracnose ( <i>Spaceloma necator</i> ) ( <i>Elsinoe veneta</i> ) Botryosphaeria Canker ( <i>Botryosphaeria</i> <i>dothidea</i> )	6.0-15.5 (0.10-0.25)	Begin applications at onset of disease and continue until harvest. Make applications on a 7- to 14-day schedule. Use a minimum water volume of 10 gallons per acre by ground and a minimum of 3 gallons

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Boysenberry Dewberry Lowberry Marionberry Olallieberry Youngberry Loganberry Red and Black Raspberry Wild Raspberry  Including all cultivars and/or hybrids of these	Colletotrichum Rot ( <i>Colletotrichum gloeosporioides</i> ) Leaf Spot ( <i>Septoria rubi</i> ) ( <i>Sphaerulina rubi</i> ) Powdery Mildew ( <i>Sphaerotheca macularis</i> ) Rosette or Double Blossom of Blackberries ( <i>Cercospora rubi</i> ) Spur Blight ( <i>Didymella applanata</i> )		by air.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	Blackberry Rust ( <i>Phragmidium spp.</i> )	10-15.5 (0.16-0.25)	
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 92.3 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.5 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Berry, Low Growing Subgroup 13-07G</b> (except Cranberry)  Strawberry  See additional crops below.	Anthrachnose ( <i>Colletotrichum fragariae</i> ) Leather Rot ( <i>Phytophthora cactorum</i> ) Powdery Mildew ( <i>Sphaerotheca macularis</i> )  Suppression of Botrytis on the Foliage ( <i>Botrytis cinerea</i> )	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season on a 7- to 10- day schedule, following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  For leather rot control apply 2 applications on a 7-day schedule from late bloom through harvest.  <b>For dip applications at transplanting for commercial berry production:</b> For suppression of root and crown rot caused by <i>Colletotrichum spp.</i> , mix 5-8 fl. oz. of Willowood Azoxystrobin 2.08SC per 100 gallons of water. Dip plants for 2-5 minutes. Plant treated plants as quickly as possible. It is recommended that transplants be washed to remove excess soil prior

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
			to dipping. For continued anthracnose control, follow with foliar applications beginning 2-3 weeks after transplant.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	<b>Soilborne Diseases</b> Seedling Root Rot, Basal Stem Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.
<b>Additional Low Growing Berries:</b> Bearberry, Bilberry, Cloudberry, Muntries, Partridgeberry including all cultivars and/or hybrids of these.			
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 61.5 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.0 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not use in plant propagation nurseries.</li> <li>4) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Brassica Head and Stem Subgroup</b>  Broccoli Chinese Broccoli (gai lon) Brussels Sprouts Cabbage Chinese Cabbage (napa) Chinese Mustard Cabbage (gai choy) Cauliflower Cavalo Broccolo Kohlrabi  Including all cultivars and/or hybrids of these	Alternaria Leaf Spot ( <i>Alternaria</i> spp.) Downy Mildew ( <i>Peronospora parasitica</i> ) Pin Rot ( <i>Alternaria</i> spp.)	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season on a 7- to 14-day schedule, following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates. Use a minimum of 10 gallons of water per acre by ground, and minimum of 3 gallons per acre by air.  Do not apply more than two applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 92.3 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.5 lb. a.i./A/season azoxystrobin-containing products.</li> <li>3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Brassica Leafy Greens Subgroup</b>  Broccoli Raab Cabbage, Chinese Collards Kale Mizuna Mustard Greens Mustard Spinach Rape Greens  Including all cultivars and/or hybrids of these	Black Spot ( <i>Alternaria</i> spp.) Cercospora Leaf Spot ( <i>Cercospora</i> spp.) White Rust ( <i>Albugo candida</i> )	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season on a 7- to 14-day schedule, following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	<b>Soilborne Diseases</b> Seedling Root Rot, Basal Stem Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.
<b>Specific Use Restrictions:</b> 1) Do not apply more than 46 fl. oz. of product/A/season. 2) Do not apply more than 0.75 lb. a.i./A/season of azoxystrobin-containing products. 3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Bulb Vegetables Crop Group 3-07</b>  Garlic Leek Onion, bulb Daylily, bulb Fritillaria, bulb Garlic, bulb Garlic, great-headed, bulb Garlic, serpent, bulb Lily, bulb Onion, bulb Onion, Chinese, bulb Onion, pearl	<b>Foliar Diseases</b> Cladosporium Leaf Blotch ( <i>Cladosporium allii</i> ) Purple Blotch ( <i>Alternaria porri</i> ) Rust ( <i>Puccinia allii</i> )	6.0-12.0 (0.10-0.20)	For downy mildew, make preventative applications on a 5- to 7-day schedule.  For all other diseases, Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season every 7-14 days following the resistance management guidelines. Applications may be made by ground, air or chemigation. If applications are made by air, the higher rates should be used for adequate control. An adjuvant may
	Botrytis Leaf Blight ( <i>Botrytis aclada</i> ) Downy Mildew ( <i>Peronospora destructor</i> )	9.0-15.5 (0.15-0.25)	

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Onion, potato, bulb Shallot, bulb Onion, green Chive, fresh leaves Chive, Chinese, fresh leaves Elegans, hosta Fritillaria, leaves Kurrat Lady's leek Leek Leek, wild Onion, Beltsville bunching Onion, fresh Onion, green Onion, macrostem Onion, tree, tops Onion, Welsh, tops Shallot, fresh leaves  Including all cultivars and/or hybrids of these			be added at specified rates.  Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.  Mixtures of Willowood Azoxystrobin 2.08SC with insecticides and silicone adjuvants must be tested for crop safety before application to the crop.
	<b>Soilborne Diseases</b> Rhizoctonia Damping- Off ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions under the <b>SOILBORNE/SEEDLING DISEASE  CONTROL</b> section. If the application is an in-furrow application, the spray should be made just prior to seed placement so that the majority of the chemical is under the seed. This will reduce the potential for phytotoxicity, especially if fertilizer is added to the application.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 92.3 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.5 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Canola</b> (see Oilseed Crops for additional information)	Alternaria Blackspot ( <i>Alternaria</i> spp.) Blackleg ( <i>Leptosphaeria  maculans</i> ) Sclerotinia Stem Rot ( <i>Sclerotinia</i> )	6.0-15.5 (0.10-0.25)	In general, apply 7.0 fl. oz. of Willowood Azoxystrobin 2.08SC at early bud followed by 14.0 fl. oz. at about 45 days before harvest. A third application of 7.0 fl. oz. may be

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
	<i>sclerotiorum</i> )		<p>made 30 days before harvest.</p> <p>Specifically for blackleg, Willowood Azoxystrobin 2.08SC applications should be made at the 2- to 4-leaf stage. For Alternaria or Sclerotinia, 9.0-15.5 fl. oz. product/A should be applied at 10-25% flowering (3-7 days following first flower). Use the higher rate under heavy disease pressure or when conditions are favorable for disease. For control of Alternaria alone, 8.0 fl. oz. product/A may be applied at pod stage (approximately 95% petal fall).</p> <p>Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in the Group 11.</p> <p>Applications may be made by ground, air or chemigation. Use a minimum of 10 gallons of water per acre for ground applications.</p>
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 27.6 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 0.45 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 30 days of harvest (30-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Carrots	Early Blight ( <i>Cercospora carotae</i> ) Late Blight ( <i>Alternaria dauci</i> ) White Mold ( <i>Sclerotium rolfsii</i> )  For additional diseases, see Vegetables, Root, Subgroup.	9.0-20.0 (0.15-0.33)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season every 7-14 days following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	<b>Soilborne Diseases</b> Rhizoctonia Root Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 123 fl. oz. product/A/season.</li> <li>2) Do not apply more than 2.0 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Celery	Early Blight ( <i>Cercospora apii</i> ) Late Blight ( <i>Septoria apicola</i> )  For additional diseases, see Leafy Vegetables.	9.0-15.5 (0.15-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season every 7-14 days following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	<b>Soilborne Diseases</b> Rhizoctonia Root Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.



**Specific Use Restrictions:**

- 1) Do not apply more than 92.3 fl. oz. of product/A/season.
- 2) Do not apply more than 1.5 lb. a.i./A/season of azoxystrobin-containing products.
- 3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Christmas Trees</b>	Diplodia Tip Blight ( <i>Diplodia pinea</i> ) Lophodermium Needlecast ( <i>Lophodermium pinastri</i> ) Swiss Needlecast ( <i>Phaeocryptopus gaumannii</i> )	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season at 7- to 21-day intervals following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.

**Specific Use Restrictions:**

- 1) Do not apply more than 123 fl. oz. product/A/season.
- 2) Do not apply more than 2.0 lb. a.i./A/season of azoxystrobin-containing products.

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Citrus Fruit Crop Group 10-10</b>  Calamondin Citron Grapefruit Kumquat Lemon Lime Mandarin Orange (sour and sweet) Pummelo Satsuma Mandarin Tangerine  Including all cultivars and/or hybrids of these.	Albinism ( <i>Alternaria alternata</i> pv <i>citri</i> ) Alternaria Leaf and Fruit Spot ( <i>Alternaria citri</i> ) Cercospora Leaf Spot ( <i>Cercospora</i> spp.) Diplodia Stem-End Rot ( <i>Diplodia natalensis</i> ) Greasy Spot ( <i>Mycosphaerella citri</i> ) Melanose ( <i>Diaporthe citri</i> ) Penicillium Decays Green Mold, Whisker Mold, Suppression of Blue Mold ( <i>Penicillium</i> spp.) Phomopsis Stem-End Rot ( <i>Phomopsis citrii</i> )	12.0-15.5 (0.20-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season on 7- to 21-day intervals following the resistance management guidelines. Under conditions that favor severe disease epidemics, the higher application rates should be used. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates. A horticultural spray oil should be used to improve control of greasy spot.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
See complete list of citrus fruit crops below.	Post Bloom Fruit Drop (PFD) ( <i>Colletotrichum acutatum</i> ) Powdery Mildew ( <i>Erysiphe</i> spp.) Scab ( <i>Elsinoe fawcettii</i> ) Sweet Orange Scab ( <i>Elsinoe australis</i> )		a fungicide that is not in Group 11. Do not make more than four (4) applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicide per season.
	Black Spot ( <i>Guignardia citricarpa</i> )	9.0-15.5 (0.15-0.25)	
Pummelo* Citrus Hybrid (Uniq fruit only)* *Not approved for this use in California.	<b>Soilborne Diseases</b> Seedling Root Rot, Basal Stem Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.
<b>Complete List of Citrus Fruit Crops:</b> Australian Desert Lime ( <i>Eremocitrus glauca</i> ); Australian Finger Lime ( <i>Microcitrus australasica</i> ); Australian Round Lime ( <i>Microcitrus australis</i> ); Brown River Finger Lime ( <i>Microcitrus papuana</i> ); Calamondin ( <i>Citrofortunella microcarpa</i> ); Citron ( <i>Citrus medica</i> ); Citrus Hybrids, <i>Citrus</i> spp., <i>Eremocitrus</i> spp., <i>Fortunella</i> spp., <i>Microcitrus</i> spp., and <i>Poncirus</i> spp.; Grapefruit ( <i>Citrus paradise</i> ); Japanese Summer Grapefruit ( <i>Citrus natsudaia</i> ); Kumquat ( <i>Fortunella</i> spp.); Lemon ( <i>Citrus limon</i> ); Lime ( <i>Citrus aurantiifolia</i> ); Mediterranean Mandarin ( <i>Citrus deliciosa</i> ); Mount White Lime ( <i>Microcitrus garrowayae</i> ); New Guinea Wild Lime ( <i>Microcitrus warburgiana</i> ); Orange, Sour ( <i>Citrus aurantium</i> ); Orange, Sweet ( <i>Citrus sinensis</i> ); Pummelo ( <i>Citrus maxima</i> ); Russell River Lime ( <i>Microcitrus inodora</i> ); Satsuma Mandarin ( <i>Citrus unshiu</i> ); Sweet Lime ( <i>Citrus limetta</i> ); Tachibana Orange ( <i>Citrus tachibana</i> ); Tahiti Lime ( <i>Citrus latifolia</i> ); Tangelo ( <i>Citrus x tangelo</i> ); Tangerine (Mandarin) ( <i>Citrus reticulata</i> ); Tangor ( <i>Citrus nobilis</i> ); Trifoliate Orange ( <i>Poncirus trifoliata</i> ); Uniq Fruit ( <i>Citrus aurantium</i> Tangelo group); cultivars, varieties and/or hybrids of these.			
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 92.3 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.5 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not use Willowood Azoxystrobin 2.08SC in citrus plant propagation nurseries.</li> <li>4) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Clover (and stands containing Clover)</b> (See Nongrass Animal Feeds Forage, Fodder, Straw and Hay)			

<b>Corn</b>  Field Pop Sweet (Includes Seed Production)	Rust ( <i>Puccinia sorghi</i> )	6.0-9.0 (0.10-0.15)	For gray leaf spot, apply Willowood Azoxystrobin 2.08SC at the onset of disease. A second application may be required 14 days later if disease pressure persists.
	Anthracnose Leaf Blight ( <i>Colletotrichum graminicola</i> ) Eye Spot ( <i>Aureobasidium zeae</i> ) Gray Leaf Spot ( <i>Cercospora sorghi</i> ) Northern Corn Leaf Blight ( <i>Setosphaeria turcica</i> ) North Corn Leaf Spot ( <i>Cochliobolus carbonum</i> ) Southern Corn Leaf Blight ( <i>Cochliobolus heterostrophus</i> )	6.0-15.5 (0.10-0.25)	For all other diseases, Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and may continue throughout the season every 7-14 days following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11. For field corn and field corn grown for seed, do not make more than two (2) applications per season.
	Early Application (V4-V8)	6.0 (0.10)	Apply Willowood Azoxystrobin 2.08SC early (V4-V8) for early season disease control and beneficial physiological benefits. If mixing with herbicides, other than solo glyphosate products, Callisto®, Callisto® Xtra, or Halex® GT, consult your local Willowood, LLC representative.
	<b>Soilborne Diseases</b> Rhizoctonia Root and Stalk Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 123 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 2.0 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 7 days of harvest (7-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Cotton	Anthracnose ( <i>Glomerella gossypii</i> ) Ascochyta Blight ( <i>A. gossypii</i> ) Boll Rot ( <i>A. gossypii</i> ) Cotton Rust ( <i>Puccinia</i>	6.0-9.0 (0.1-0.15)	For optimum disease control, Willowood Azoxystrobin 2.08SC applications should begin prior to or in the early stages of disease development. Applications may be made by ground, air, or chemigation.

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
	<i>schedonnardi</i> Hardlock ( <i>Fusarium verticillioides</i> ) Southwestern Cotton Rust ( <i>Puccinia cacabata</i> )		<p>An adjuvant may be added at specified rates. Minimum application volumes for air and ground are 5 and 10 gallons per acre, respectively.</p> <p>The first Willowood Azoxystrobin 2.08SC application should be targeted approximately at pinhead square to first bloom to protect the plant from diseases. Subsequent application(s) are specified on a 14-21-day schedule. An additional application may be made depending on environmental conditions and the health of the cotton plant.</p> <p>Under poor environmental conditions conducive to seedling disease and poor cotton growth, Willowood Azoxystrobin 2.08SC may be applied to early season cotton to suppress damping off and other diseases which result in plant stand loss.</p> <p>Do not apply more than two foliar applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternating with a fungicide that has a different mode of action. Do not make more than three (3) foliar applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides per crop per acre per year.</p>
	Pythium Seedling Blight ( <i>Pythium aphanidermatum</i> ) Rhizoctonia Seedling Blight ( <i>Rhizoctonia solani</i> )	<b>In-Furrow</b> 0.40-0.80 fl. oz. product per 1000 row feet (0.10-0.20 oz. a.i. per 1000 row feet)	<p><b>Willowood Azoxystrobin 2.08SC Application Directions:</b> Apply Willowood Azoxystrobin 2.08SC as an in-furrow spray in 3-7 gallons of water at planting. Mount the spray nozzle so the spray is directed into the furrow just before the seed are covered. Use the higher rate when the weather conditions are expected to be conducive for disease development, if the field has a history of Pythium problems, or if minimum/low till programs are in place.</p> <p>See the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section for table illustrating total fluid ounces per acre with various row spacings.</p>
<b>Specific Use Restrictions:</b>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
1) Do not apply more than 27 fl. oz. of product/crop/season as a foliar spray. 2) Willowood Azoxystrobin 2.08SC may be applied up to 45 days before harvest (45-day PHI).			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Cranberry Subgroup 13-07H (except Strawberry)</b>  Bearberry Bilberry Blueberry, Lowbush Cloudberry Lingonberry Muntries Partridgeberry  Including all cultivars and/or hybrids of these	Cottonball ( <i>Monilinia oxycocci</i> ) Fruit Rots ( <i>Physalospora vaccinii</i> ) ( <i>Glomerella cingulata</i> ) ( <i>Coleophoma empetri</i> ) Lophodermium Twig Blight ( <i>Lophodermium spp.</i> )	6.0-15.5 (0.10-0.25)	Begin applications at 5-10% bloom for fruit rot, cottonball, and twig blight. Continue applications on a 7- to 14-day schedule if conditions are favorable for disease development. Applications may be made by ground, chemigation or air.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternations with a fungicide that is not in Group 11.
	Fairy Ring (suppression) ( <i>Psilocybe</i> spp.)	15.5 (0.25)	Make the first application at bud break. Measure the ring diameter and add 10 feet to that diameter. Apply Willowood Azoxystrobin 2.08SC at a rate equivalent to 15.5 fl. oz./A in 30-100 gallons of water to the affected area. Irrigation (1-2 hours) following application is advisable to ensure penetration to the base of the plant. If necessary make another application 2-4 weeks later. For ground application ensure adequate water volume for thorough canopy penetration.

**Specific Use Restrictions:**

- 1) Do not apply more than 92.3 fl. oz. of product/A/season.
- 2) Do not apply more than 1.5 lbs. a.i./A/season of azoxystrobin-containing products.
- 3) Do not treat cranberry fields used for aquaculture of fish and crustacea.
- 4) Do not apply when weather conditions favor drift from treated areas to non-target aquatic habitat. Applicators should use care in making applications near non-target aquatic habitats.
- 5) Do not apply to flooded crop.
- 6) Do not allow release of irrigation or flood water to non-target aquatic habitat for at least 14 days after the last application.
- 7) Do not apply within 3 days of harvest (3-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Cucurbits</b>  Cantaloupe Chayote Chinese-Waxgourd Cucumber Gourds Honeydew Melons <i>Momordica</i> spp. (bitter melon, balsam apple) Muskmelon Watermelon Pumpkin Squash Zucchini  Including cultivars and/or hybrids of these.	<b>Anthracnose</b> ( <i>Colletotrichum lagenarium</i> ) <b>Belly Rot</b> ( <i>Rhizoctonia solani</i> ) <b>Downy Mildew</b> ( <i>Pseudoperonospora cubensis</i> ) <b>Gummy Stem Blight</b> ( <i>Didymella bryoniae</i> ) <b>Leaf Spots</b> ( <i>Alternaria</i> spp., <i>Cercospora</i> spp.) <b>Myrothecium Canker</b> ( <i>Myrothecium roridum</i> ) <b>Plectosporium Blight</b> ( <i>Plectosporium tabacinum</i> ) <b>Powdery Mildew</b> ( <i>Sphaerotheca fuliginea</i> , <i>Erysiphe cichoracearum</i> ) <b>Ulocladium Leaf Spot</b> ( <i>Ulocladium cucurbitae</i> )	6.0-15.5 (0.10-0.25)	For both downy and powdery mildew, make preventative applications on a 5- to 7-day schedule. For belly rot control, the first application should be made at the 1-3 leaf crop stage with a second application just prior to vine tip over or 10-14 days later whichever occurs first. For all other diseases, Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season every 7-14 days following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not tank mix Willowood Azoxystrobin 2.08SC with crop oil concentrates (COC), methylated spray oil (MSO) or silicon adjuvants.  Do not tank mix Willowood Azoxystrobin 2.08SC with Malathion, Kelthane®, Thiodan®, Phaser®, Lannate®, Lorsban®, M-Pede® or Botran®.  Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11. Do not make more than four (4) foliar applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides per crop per acre per year.
	<b>Soilborne Diseases</b> <b>Rhizoctonia Root Rot</b> ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.
<b>Specific Use Restrictions:</b> 1) Do not apply more than 92.3 fl. oz. of product/A/season. 2) Do not apply more than 1.5 lbs. a.i./A/season of azoxystrobin-containing products. 3) Do not apply within 1 day of harvest (1-day PHI).			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Fruiting Vegetables Crop Group 8-10</b>  <b>Pepper</b> Bell Pepper Non-Bell Pepper Sweet Non-Bell Pepper  <b>Eggplant</b> <b>Okra</b> <b>Pepino</b>  Including all cultivars and/or hybrids of these.  <b>See specific directions for use for Tomatoes.</b>  See complete list of fruiting vegetables below.	Anthracnose ( <i>Colletotrichum</i> spp.) Powdery Mildew ( <i>Sphaerotheca</i> spp.)	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season on a 7- to 14- day schedule, following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	<b>Soilborne Diseases</b> Rhizoctonia Seedling Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.
<b>Complete List of Fruiting Vegetables:</b> African Eggplant; Bell Pepper; Eggplant; Martynia; Nonbell Pepper; Okra; Pea Eggplant; Pepino; Roselle; Scarlet Eggplant; cultivars, varieties; and/or hybrids of these.			
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 61.5 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.0 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Grapes and Other Small Fruit Vine Climbing Subgroup 13-07F (except fuzzy kiwifruit)</b>  Amur River Grape Kiwifruit, Hardy Maypop Muscadines Schisandra Berry  Including all cultivars and/or hybrids of these.	Black Rot ( <i>Guignardia bidwellii</i> ) Downy Mildew ( <i>Plasmopara viticola</i> ) Phomopsis Cane and Leaf Spot ( <i>Phomopsis viticola</i> ) Powdery Mildew ( <i>Uncinula necator</i> )  <b>Suppression Only:</b> Botrytis Bunch Rot ( <i>Botrytis cinerea</i> )	10.0-15.5 (0.16-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season every 10-14 days following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than two sequential foliar applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
			<p>alternating with a fungicide that is not in Group 11.</p> <p><b>ATTENTION</b></p> <p>Willowood Azoxystrobin 2.08SC is extremely phytotoxic to certain apple varieties.</p> <p>AVOID SPRAY DRIFT. Extreme care must be used to prevent injury to apple trees (and apple fruit).</p> <p>DO NOT spray Willowood Azoxystrobin 2.08SC where spray drift may reach apple trees.</p> <p>DO NOT use spray equipment which has been previously used to apply Willowood Azoxystrobin 2.08SC to spray apple trees. Even trace amounts can cause unacceptable phytotoxicity to certain apple and crabapple varieties.</p> <p>AVOIDING SPRAY DRIFT IS THE RESPONSIBILITY OF THE APPLICATOR.</p>
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 92.3 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.5 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 14 days of harvest (14-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Grasses (grown for seed)	Ergot Stem Diseases Powdery Mildew ( <i>Erysiphe graminis</i> ) Rust ( <i>Puccinia</i> spp.)	6.0-15.5 (0.10-0.25)	<p>Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season on a 10- to 14-day schedule, following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.</p> <p>Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.</p>
<b>Specific Use Restrictions:</b>			



- 1) Do not apply more than 49 fl. oz. of product/A/season.
- 2) Do not apply more than 0.8 lb. a.i./A/season of azoxystrobin-containing products.
- 3) Do not feed treated straw, seed or screenings to livestock.
- 4) Willowood Azoxystrobin 2.08SC may be applied up to 8 days prior to harvest (swathing)(8-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Herbs &amp; Spices (except black pepper) Crop Group 19</b>  Allspice; Angelica; Anise (seed); Anise, star; Annatto; Balm; Basil; Borage; Burnet; Camomile; Caper (buds); Caraway; Caraway, black; Cardamon; Cassia (buds); Catnip; Celery Seed; Chervil (dried); Chive; Chive, Chinese; Cinnamon; Clary; Clove (buds); Coriander (cilantro) or Chinese parsley)(leaf); Coriander (seed); Costmary; Culantro (leaf and seed); Cumin, Curry (leaf); Dill (seed); Dillweed; Fennel, Common; Fennel, Florence (seed); Fenugreek; Grains of Paradise; Horehound; Hyssop; Juniper (berry); Lavender; Lemongrass; Lovage (leaf and seed); Mace; Marigold; Marjoram; Mustard (seed); Nasturtium; Nutmeg; Parsley (dried); Pennyroyal; Pepper, White; Poppy Seed; Rosemary; Rue; Saffron; Sage; Savory, Summer and Winter Sweet Bay; Tansy; Tarragon; Thyme;	Corynespora Blight ( <i>Corynespora cassicola</i> ) Dill Blight ( <i>Cercosporidium punctum</i> ) Phoma Blight ( <i>Passalora puncta</i> )	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin at the onset of disease development and continue throughout the season on a 7-day schedule, following the resistance management guidelines. Applications may be made by ground only. An adjuvant may be added at specified rates. Use a minimum of 30 gallons of water per acre.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Vanilla; Wintergreen; Woodruff; Wormwood			
Wasabi	Fusarium Rhizome and Root Rot ( <i>Pythium</i> spp.)	6.2-15.4 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin at the onset of disease development and continue throughout the season on a 7-day schedule, following the resistance management guidelines. Applications may be made by ground or through the irrigation system (chemigation). An adjuvant may be added at specified rates. Use a minimum of 30 gallons of water per acre.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with fungicide that is not in Group 11.

**Specific Use Restrictions:**

- 1) Do not apply more than 92.3 fl. oz. of product/A/season.
- 2) Do not apply more than 1.5 lbs. a.i./A/season of azoxystrobin-containing products.
- 3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Leafy Vegetables (except brassica)</b>	<b>Foliar Diseases</b> Alternaria Leaf Spot ( <i>Alternaria sonchi</i> , <i>A.</i> <i>spp.</i> ) Anthracnose ( <i>Microdochium</i> <i>panattonianum</i> , <i>Colletotrichum</i> <i>dematium</i> ) Cercospora Leaf Spot ( <i>Cercospora spp.</i> ) Septoria Leaf Spot ( <i>Septoria petroselinii</i> ) White Rust ( <i>Albugo</i> <i>occidentalis</i> )	6.0-15.5 (0.10-0.25)	For both downy and powdery mildew, make preventative applications on a 5- to 7-day schedule.  For all other diseases, Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season every 7-14 days following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.
Amaranth Arugula Cardoon Celery Celtuce Chervil Chrysanthemum, Edible Corn Salad Cress Dandelion Dock Endive Fennel Lettuce, Head and Leaf Orach Parsley	Downy Mildew ( <i>Bremia</i> <i>lactucae</i> ) Powdery Mildew ( <i>Erysiphe</i> <i>cichoracearum</i> )	12.0-15.5 (0.20-0.25)	Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Purslane Radicchio Rhubarb Spinach Swiss Chard  Including cultivars and/or hybrids of these			<b>ATTENTION:</b> Applications of Willowood Azoxystrobin 2.08SC to leafy vegetable foliage have contributed to phytotoxicity under certain circumstances. Proceed with caution with regard to tank mixes and adjuvants when treating all leafy vegetables with Willowood Azoxystrobin 2.08SC. Willowood Azoxystrobin 2.08SC must not be tank mixed on leaf lettuce with Ambush® WP, Pounce® WP, Aliette®, Warrior with Zeon Technology®, or another product that may increase the penetration of Willowood Azoxystrobin 2.08SC into the leaf surface, such as, but not limited to silicone wetters.
	<b>Soilborne Diseases</b> Webb Blight, Bottom Rot, Crater Rot, Root Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 92.3 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.5 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Legume Vegetables, Dry and Succulent and Legume Vegetables, Foliage of any Cultivar of Bean (<i>Phaseolus</i> spp.) and Field Pea (<i>Pisum</i> spp.)</b>  Bean ( <i>Lupinus</i> spp.) (includes grain lupin, sweet lupin, white lupin, and white sweet lupin) Bean ( <i>Phaseolus</i> spp.) (includes field bean, kidney bean, lima bean, navy bean, pinto bean, runner bean,	Bean Rust ( <i>Uromyces appendiculatus</i> )	6.0 (0.10)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season every 7-14 days following the resistance management guidelines. Use the higher rates under severe disease pressure. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates. For rust, use of a non-ionic surfactant is recommended.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	Alternaria Blight ( <i>Alternaria</i> spp.) Alternaria Leaf Spot ( <i>Alternaria alternata</i> ) Anthracnose ( <i>Colletotrichum lindemuthianum</i> ) Ascochyta Blight ( <i>Mycosphaerella pinodes</i> ) Ascochyta Leaf and Pod Spot ( <i>Ascochyta</i> spp.) Ascochyta Leaf Spot ( <i>Ascochyta phaseolorum</i> ) Rust ( <i>Phakopsora</i> spp.)	6.0-15.5 (0.10-0.25)	

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
snap bean, tepary bean, wax bean) Bean ( <i>Vigna</i> spp.) (includes adzuki bean, asparagus bean, blackeyed pea, cowpea, catjang, Chinese longbean, crowder pea, moth bean, mung bean, rice bean, southern pea, urd bean, yardlong bean) Bean ( <i>Glycine</i> max) Soybean, Immature Seed (edamame) Broad bean (fava bean) ( <i>Vicia faba</i> ) Chickpea (garbanzo bean)( <i>Cicer arietinum</i> ) Guar ( <i>Cyamopsis tetragonoloba</i> ) Jackbean ( <i>Canavalia ensiformis</i> ) Lablab Bean (hyacinth bean)( <i>Lablab purpureus</i> ) Lentil ( <i>Lens esculenta</i> ) Pea ( <i>Pisum</i> spp.) (Includes dwarf pea, edible-pod pea, English pea, garden pea, green pea, field pea, snow pea, sugar snap pea) Pigeon Pea ( <i>Cajanus cajan</i> ) Sword Bean ( <i>Canavalia gladiata</i> )	Southern Blight ( <i>Sclerotium rolfsii</i> ) Web Blight ( <i>Rhizoctonia solani</i> )  <b>Soilborne Disease</b> Rhizoctonia Root Rot ( <i>Rhizoctonia solani</i> )	          0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.  Willowood Azoxystrobin 2.08SC can be applied to the furrow and covering soil at planting in a 7-inch band. Avoid a concentrated stream directly on the seed or delayed emergence may occur.  If using a narrow spray as an in-furrow spray, adjust the spray stream to hit the soil next to the seed but not hit the seed. NOTE: Conduct a seed safety test with your crop before making in-furrow applications.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 92.3 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.5 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 14 days of harvest (14-day PHI) of dry legume vegetables (dry bean and dry pea seeds).</li> <li>4) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI) for succulent beans and peas.</li> <li>5) For use on soybeans, please refer to the soybean crop directions for use.</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Mint (Fresh or for processing into mint oil)	Powdery Mildew ( <i>Erysiphe</i> spp.) Rust ( <i>Puccinia menthae</i> )	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season on a 7- to 10-day schedule, following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	<b>Soilborne Diseases</b> Seedling Root Rot, Basal Stem Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 46 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 0.75 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) For processed mint, do not apply within 7 days of harvest (7-day PHI).</li> <li>4) For fresh mint, Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Nongrass Animal Feeds Forage, Fodder, Straw and Hay</b>  For pure/mixed stands of the following or stands mixed with grasses:  Alfalfa ( <i>Medicago sativa</i> subsp. <i>sativa</i> ) Bean, Velvet ( <i>Mucuna pruriens</i> var. <i>utilis</i> ) Clover ( <i>Trifolium</i> spp., <i>Melilotus</i> spp.) Kudzu ( <i>Pueraria lobata</i> ) Lespedeza ( <i>Lespedeza</i> spp.)	Alternaria Leaf Spot ( <i>Alternaria</i> spp.) Cercospora Leaf Spot ( <i>Cercospora</i> spp.) Powdery Mildew ( <i>Oidium</i> spp., <i>Erysiphe</i> spp.)  Rust ( <i>Phakopsora</i> spp.)	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season. Use the higher rates under severe disease pressure. Applications may be made by ground, air or chemigation. Use of an additive such as crop oil concentrate or non-ionic surfactant is recommended.  For management of outbreaks of Asian soybean rust and other <i>Puccinia</i> species on alternate host species such as kudzu, lespedeza, trefoil and vetch, apply Willowood Azoxystrobin 2.08SC to forages grown in the vicinity of soybeans and other legume crops (beans and peas) as a part of an Asian rust disease management strategy. Consult with local experts and

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Lupin ( <i>Lupinus</i> spp.) Sainfoin ( <i>Onobrychis viciifolia</i> ) Trefoil ( <i>Lotus</i> spp.) Vetch ( <i>Vicia</i> spp.) Vetch, Crown ( <i>Coronilla varia</i> ) Vetch, Milk ( <i>Astragalus</i> spp.)			university extension agents for the latest advice.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 0.25 lb. a.i./A per cutting.</li> <li>2) Do not apply more than 0.75 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 14 days of grazing or harvest (14-day PHI) for forage and hay.</li> <li>4) Not for use on rangeland.</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Oilseed Crops</b> <b>Crop Group 20</b>  Crambe Flax Mustard, Indian Mustard, Field Mustard, Black Rapeseed Rapeseed, Indian Safflower Sunflower  Including all cultivars and/or hybrids of these  See complete list of oilseed crops below.	Alternaria Leaf Spot ( <i>Alternaria</i> spp.) Downy Mildew ( <i>Plasmopora halstedii</i> , <i>Plasmopora helianthi</i> ) Pasma ( <i>Septoria linicola garass</i> ) Sunflower Rust ( <i>Puccinia helianthi</i> )	6.0-15.5 (0.1-0.25)	Apply 6.0 fl. oz. of Willowood Azoxystrobin 2.08SC at early bud followed by 14.0 fl. oz. at about 45 days before harvest. A third application of 7.0 fl. oz. may be made 30 days before harvest. Applications may be made by ground, air or chemigation. Use a minimum of 10 gallons of water per acre for ground applications.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
<b>Complete List of Oilseed Crops:</b> Borage; Calendula; Castor Oil Plant; Chinese Tallowtree; Cottonseed; Crambe; Cuphea; Echium; Euphorbia; Evening Primrose; Flax Seed; Gold of Pleasure; Hare's Ear Mustard; Jojoba; Lesquerella; Lunaria; Meadowfoam; Milkweed; Mustard Seed; Niger Seed; Oil Radish; Poppy Seed; Rapeseed; Rose Hip; Safflower; Sesame; Stokes Aster; Sunflower; Sweet Rocket; Tallowwood; Tea Oil Plant; Vernonia; cultivars, varieties, and/or hybrids of these.			
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 27 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 0.45 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 30 days of harvest (30-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Peanuts	<b>Soilborne Diseases – early season (in-furrow application)</b> Aspergillus Crown Rot ( <i>Aspergillus niger</i> ) Pythium Damping Off ( <i>Pythium</i> spp.) Stem Rot/White Mold Suppression ( <i>Sclerotium rolfsii</i> )	0.40-0.80 fl. oz./1000 row feet	Apply Willowood Azoxystrobin 2.08SC in-furrow at planting for control of various seed/seedling diseases including early season suppression of stem rot. See directions and rates under <b>PRODUCT INFORMATION</b> section.
	<b>Soilborne Diseases – mid-late season</b> Rhizoctonia Peg and Pod Rot ( <i>Rhizoctonia solani</i> ) Stem Rot/White Mold ( <i>Sclerotium rolfsii</i> )  <b>Suppression Only:</b> Cylindrocladium Black Rot ( <i>Cylindrocladium crotalariae</i> ) Pythium Pod Rot ( <i>Pythium myriotylum</i> )	12.0-24.5 (0.20-0.40)	Willowood Azoxystrobin 2.08SC should be applied at approximately 60 and 90 days after planting as a foliar application. This application regime may be applied earlier in the season if environmental conditions favor disease development. These two applications of Willowood Azoxystrobin 2.08SC will provide protection against the soil borne diseases and will also provide control of the foliar diseases listed for a 10- to 14-day period after each spray. Under heavy disease pressure and/or where there is a high rainfall and/or irrigation, use 18.5-24.5 fl. oz./A. For light disease pressure and dry environmental conditions (non-irrigated, low rainfall), use 12.0-24.5 fl. oz./A. For control of Pythium, a rate of 24.5 fl. oz./A is required. Additional applications of other fungicides on a leaf spot application schedule will be required to provide season-long disease control of the leaf spot diseases. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.
	<b>Foliar Diseases</b> Early Leaf Spot ( <i>Cercospora arachidicola</i> ) Late Leaf Spot ( <i>Cercosporidium personatum</i> ) Rust ( <i>Puccinia arachidis</i> ) Web Blotch ( <i>Phoma arachidicola</i> )	6.0-18.5 (0.10-0.30)	For foliar disease control only, a lower rate of Willowood Azoxystrobin 2.08SC may be applied on a 10- to 14-day interval.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
<b>Specific Use Restrictions:</b> 1) Do not apply more than 49 fl. oz. of product/A/season. 2) Do not apply more than 0.8 lb. a.i./A/season of azoxystrobin-containing products. 3) Do not apply within 14 days of harvest (14-day PHI).			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Pecans	Anthrachnose ( <i>Glomerella cingulata</i> ) Scab ( <i>Cladosporium caryigenum</i> )	6.0-12.0 (0.10-0.20)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season on 7- to 21-day intervals following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 73.8 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.2 lbs. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 45 days of harvest (45-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Pistachios	Alternaria Late Blight ( <i>Alternaria alternata</i> ) Botryosphaeria Panicle and Shoot Blight ( <i>Botryosphaeria dothidea</i> ) Septoria Leaf Spot ( <i>Septoria pistaciarum</i> )	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season on 7- to 21-day intervals following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 92.3 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.5 lbs. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 7 days of harvest (7-day PHI).</li> </ol>			



Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Potatoes	Black Dot ( <i>Colletotrichum coccodes</i> ) Early Blight ( <i>Alternaria solani</i> ) Late Blight ( <i>Phytophthora infestans</i> ) Powdery Mildew ( <i>Erysiphe cichoracearum</i> )	6.0-20.0 (0.10-0.33)	<p><b>Early Blight</b> – For a 7-day application schedule, use Willowood Azoxystrobin 2.08SC at 6.0 fl. oz. product/A. For a 14-day application schedule, use a 12.0 fl. oz. product/A rate.</p> <p><b>Late Blight</b> – Apply Willowood Azoxystrobin 2.08SC at 12.0 fl. oz. product/A on a 7-day schedule. Initiate late blight applications in a preventative schedule prior to disease development according to local practices. If late blight symptoms develop or conditions favor disease, switch immediately to a non-Group 11 fungicide, using a 5-day schedule. Addition of a spreader/sticker may improve coverage.</p> <p>For all other diseases, Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season every 7-14 days following the resistance management guidelines. Use the high rate and the shorter interval if disease epidemics are severe. Applications may be made by ground, air or chemigation.</p> <p>Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.</p>
	<b>Soilborne Diseases</b> Black Dot ( <i>Colletotrichum coccodes</i> ) Black Scurf ( <i>Rhizoctonia solani</i> ) Silver Scurf ( <i>Helminthosporium solani</i> )	0.40-0.80 fl. oz./1000 row feet	<p>For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.</p>
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 123 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 2.0 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 14 days of harvest (14-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Rice	<b>Sheath/Stem Diseases</b> Sheath Blight ( <i>Rhizoctonia solani</i> )	6.0-18.5 (0.10-0.30)	Willowood Azoxystrobin 2.08SC should be applied prior to disease development. Applications may be made by ground, air or chemigation. For aerial application, volumes should be 5-10 GPA. An adjuvant may be added at specified rates.  For sheath blight control, application rates may vary from 9.0 to 12.0 fl. oz./A depending on the growth stage of the rice and the severity of the disease. Consult with your local extension personnel or Willowood, LLC representative for information in sheath blight control.  For other stem/sheath diseases including stem rot, black sheath rot, aggregate sheath spot and sheath spot, apply when disease is less than 4 inches above water line usually between panicle differentiation (PD) +5 days to PD +10 days or at initial sign of disease. Under heavy disease pressure and conditions favorable for disease development, a second application may be applied.  For foliar and panicle diseases, apply Willowood Azoxystrobin 2.08SC prior to disease development. Willowood Azoxystrobin 2.08SC must be applied as a preventative treatment for blast control and applied prior to favorable conditions for blast development. For panicle blast, an application should be applied at mid-boot to boot-split but prior to full head emergence. A second application should be applied when panicles are approximately 60-90% emerged from the boot (7-14 days later).  When Willowood Azoxystrobin 2.08SC is being applied for panicle blast on continuous rice acreage (no rotation to other crops), no more than two sequential foliar applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides should be made over multiple years before alternating with a fungicide with a different mode of action. Do not
	Aggregate Sheath Spot ( <i>Ceratobasidium oryzae-sativae</i> = <i>Rhizoctonia oryzae-sativae</i> )	9.0-18.5 (0.15-0.30)	
	Black Sheath Rot ( <i>Gaeumannomyces graminis</i> var. <i>graminis</i> )		
	Sheath Spot ( <i>Rhizoctonia oryzae</i> ) Stem Rot ( <i>Magnaporthe salvinii</i> = <i>Sclerotium oryzae</i> = <i>Nakateae sigmoidea</i> )		
	<b>Foliar Diseases</b> Brown Leaf Spot ( <i>Cochliobolus miyabeanus</i> )		
	Leaf Smut ( <i>Entyloma oryzae</i> )		
	Narrow Brown Leaf Spot ( <i>Cercospora janseana</i> = <i>Cercospora oryzae</i> )		
	<b>Panicle Diseases</b> Kernel Smut ( <i>Tilletia barclayana</i> = <i>Neovossia barclayana</i> ) Panicle Blast ( <i>Piricularia grisea</i> )		

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
			make more than two foliar applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides per acre per season.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not treat rice fields used for aquaculture of fish and crustaceans.</li> <li>2) Do not apply when weather conditions favor drift from treated areas to non-target aquatic habitat. Applicators should use care in making applications near non-target aquatic habitats.</li> <li>3) Do not apply more than 0.70 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>4) Do not allow release of irrigation or flood water for at least 14 days after the last application.</li> <li>5) Do not apply within 28 days of harvest (28-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Sorghum	Anthracnose ( <i>Colletotrichum graminicola</i> ) Gray Leaf Spot ( <i>Cercospora sorghi</i> )	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development. Use the high rates under conditions favorable for severe disease pressure, dense plant canopies, or when susceptible varieties are planted. Contact extension personnel for local economic thresholds and timings for specific diseases in your area. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	<b>Soilborne Diseases</b> Damping-Off ( <i>Rhizoctonia solani</i> , <i>Pythium aphanadermatum</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) For grain and stover, do not apply more than 0.75 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>2) For forage, do not apply more than 0.5 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 14 days of harvest (14-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Soybean Soybean, Immature Seed (edamame)	Aerial Blight ( <i>Rhizoctonia solani</i> ) Alternaria Leaf Spot ( <i>Alternaria</i> spp.) Anthracnose ( <i>Colletotrichum truncatum</i> ) Brown Spot ( <i>Septoria glycines</i> ) Cercospora Blight and Leaf Spot ( <i>Cercospora kikuchii</i> ) Frogeye Leaf Spot ( <i>Cercospora sojina</i> ) Pod and Stem Blight ( <i>Diaporthe phaseolorum</i> ) Rust ( <i>Phakopsora</i> spp.)	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development. Use the high rates under conditions favorable for severe disease pressure, dense plant canopies, or when susceptible varieties are planted. Contact Extension personnel for local economic thresholds and timings for specific diseases in your area. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates. Use of a crop oil concentrate or non-ionic surfactant with the lower use rate is recommended.  Soybean rust: Willowood Azoxystrobin 2.08SC may be used at 4 fl. oz./A when tank mixed with a triazole registered for use on soybean rust.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	<b>Soilborne Diseases</b> <i>Rhizoctonia solani</i> ( <i>Rhizoctonia solani</i> ) Southern Blight ( <i>Sclerotium rolfsii</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 92.3 fl. oz. of product/A/season.</li> <li>2) Do not make more than one application at 15.5 fl. oz. product/acre or 0.25 lb. a.i./A to soybean forage and hay.</li> <li>3) Do not apply more than 1.5 lbs. a.i./A/season of azoxystrobin-containing products.</li> <li>4) Do not apply within 14 days of harvest (14-day PHI) of soybeans (beans).</li> <li>5) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI) to soybean forage and hay.</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Stone Fruits</b>  Apricot Cherry, Sweet	Brown Rot Blossom Blight and Fruit Rot ( <i>Monilinia fructicola</i> , <i>M. laxa</i> )	12.0-15.5 (0.20-0.25)	For brown rot blossom blight, begin applications at early bloom and continue through petal fall. For brown rot on fruit, Willowood

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Cherry, Tart Nectarine Peach Plum Plumcot Prune	Scab ( <i>Cladosporium carpophilum</i> ) Alternaria spot and fruit rot ( <i>Alternaria alternata</i> ) Anthracnose ( <i>Colletotrichum prunicola</i> , <i>C. gloeosporioides</i> ) Leaf rust ( <i>Tranzschelia discolor</i> ) Powdery Mildew ( <i>Sphaerotheca pannosa</i> , <i>Podosphaera clandestine</i> ) Shot hole ( <i>Wilsonomyces carpophilus</i> )	6.0-15.5 (0.10-0.25)	Azoxystrobin 2.08SC may be applied to fruit up to the day of harvest.  For scab, begin applications at petal fall and continue at 7- to 14-day intervals.  For all other diseases, begin application at the onset of disease as a protectant fungicide and continue on a 7- to 14-day schedule.  For peaches only, 9.0-15.5 fl. oz. of Willowood Azoxystrobin 2.08SC may be used for scab control.  Applications may be made by ground, air or chemigation.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.

**Specific Use Restrictions:**

- 1) Do not apply more than 92.3 fl. oz. of product/A/season.
- 2) Do not apply more than 1.5 lbs. a.i./A/season of azoxystrobin-containing products.
- 3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Sugarcane	Brown Rust ( <i>Puccinia melanocephala</i> ) Orange Rust ( <i>Puccinia kuehnii</i> )	9.0-12.0 (0.15-0.20)	Willowood Azoxystrobin 2.08SC applications should begin prior to rust development, and continue throughout the season every 14-28 days following resistance management guidelines. Scout fields and begin applications at the earliest sign of rust. An adjuvant may be used at recommended rates. For ground applications, apply Willowood Azoxystrobin 2.08SC in sufficient water volume for adequate coverage and canopy penetration. Applications may be made by ground, air or chemigation.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicide, before alternation with

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
			a fungicide that is not in Group 11. Do not make more than four foliar applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicide per acre per year.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 0.80 lb. a.i./A per season azoxystrobin-containing products.</li> <li>2) Do not apply within 30 days of harvest (30-day PHI).</li> <li>3) When applying by air, use no less than 5 gallons spray solution per acre</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Tobacco	Blue Mold ( <i>Peronospora tabacina</i> ) Frogeye Leaf Spot ( <i>Cercospora nicotianae</i> ) Target Spot ( <i>Rhizoctonia solani</i> )	6.0-12.0 (0.1-0.2)	<p>Willowood Azoxystrobin 2.08SC applications should begin prior to disease development or at first indication that blue mold is in the area. Do not apply Willowood Azoxystrobin 2.08SC as a curative application. If blue mold is present in the field, initiate applications with Acrobat MZ® prior to an Willowood Azoxystrobin 2.08SC application. Apply on a 7- to 14-day interval with shorter intervals under conditions conducive to disease development. For ground applications, apply Willowood Azoxystrobin 2.08SC in sufficient water volume for adequate coverage and canopy penetration. For aerial application, volumes should be 10-15 GPA. Applications may be made by ground, air or chemigation. Do not apply Willowood Azoxystrobin 2.08SC on greenhouse seedlings. Do not tank mix with Thiodan. Tank mixing Willowood Azoxystrobin 2.08SC with insecticides formulated as emulsifiable concentrates (EC) or containing high amounts of solvents, may cause crop injury.</p> <p>Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.</p> <p>NOTE: Willowood Azoxystrobin 2.08SC may enhance weather</p>

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
			flecking on the leaves of certain tobacco types. This does not affect yield and quality.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 32 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 0.52 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Tomatoes</b> <b>Tomatillos</b> <b>Subgroup 8-10A</b>  Including all cultivars and/or hybrids of these.  See complete list of tomato crops below.	Anthracnose ( <i>Colletotrichum coccodes</i> ) Black Mold ( <i>Alternaria alternata</i> ) Buckeye Rot ( <i>Phytophthora</i> spp.) Early Blight ( <i>Alternaria solani</i> ) Powdery Mildew ( <i>Oidiopsis sicula</i> ) Septoria Leaf Spot ( <i>Septoria lycopersici</i> ) Target Spot ( <i>Corynespora cassiicola</i> )	5.0-6.2 (0.08-0.10)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season following the resistance management guidelines. For late blight, Willowood Azoxystrobin 2.08SC should be applied at 5- to 7-day intervals. For all other tomato diseases, Willowood Azoxystrobin 2.08SC should be applied on 7- to 21-day intervals.  Applications may be made by ground air or chemigation.  Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.  Under certain weather conditions (particularly high temperatures) Willowood Azoxystrobin 2.08SC in combination with high rates of silicone-based or oil containing (petroleum or crop) additives or adjuvants may cause injury. Do not exceed 0.125% adjuvant (v/v). Consult a Willowood, LLC representative for more information concerning additives or adjuvants.  A tank mixture with Dimethoate may cause crop injury.
	Late Blight ( <i>Phytophthora infestans</i> )	6.2 (0.10)	
<b>Complete List of Tomato Crops:</b> Bush Tomato; Cocona; Currant Tomato; Garden Huckleberry; Goji Berry; Groundcherry; Naranjilla; Sunberry; Tomatillo; Tomato; Tree Tomato; cultivars, varieties, and/or hybrids of these.			
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 37 fl. oz. of product/A/season.</li> </ol>			

- 2) Do not apply more than 0.6 lb. a.i./A/season of azoxystrobin-containing products.
- 3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Tree Nuts</b>  Beechnut Brazil Nut Butternut Cashew Chestnut Chinquapin Filbert Hickory Macadamia Pecan Walnut  Almonds, Pistachios (see specific use instructions)	Alternaria Leaf and Fruit Spot ( <i>Alternaria</i> <i>alternata</i> ) Anthracnose ( <i>Colletotrichum</i> <i>acutatum</i> , <i>Glomerella</i> <i>cingulata</i> ) Eastern Filbert Blight ( <i>Anisogramma</i> <i>anomale</i> ) Late Blight ( <i>Alternaria</i> <i>alternata</i> ) Scab ( <i>Cladosporium</i> <i>carpophilum</i> ) Septoria Leaf Spot ( <i>Septoria pistaciarum</i> ) Shot Hole ( <i>Wilsonomyces</i> <i>carpophilus</i> ) Blossom Blight ( <i>Monilinia laxa</i> , <i>M.</i> <i>fructicola</i> )	6.0-12.0 (0.10-0.20)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  For all other diseases begin applications prior to disease development and continue at 7- to 21-day intervals throughout the season.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.  For blossom blight, begin applications at early bloom and continue through petal fall.
<b>Specific Use Restrictions:</b> 1) Do not apply more than 73.8 fl. oz. of product/A/season. 2) Do not apply more than 1.2 lbs. a.i./A/season of azoxystrobin-containing products. 3) Do not apply within 45 days of harvest (45-day PHI).			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Tropical Fruit</b>  Acerola Atemoya Avocado Biriba Canistel Cherimoya Custard Apple Dragon Fruit Feijoa Guava Ilama	Anthracnose ( <i>Colletotrichum</i> spp.) Cercospora Leaf Spot ( <i>Cercospora</i> spp.) Powdery Mildew ( <i>Erysiphe</i> spp.) Rust ( <i>Puccinia</i> spp.)	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season on a 10- to 14-day schedule, following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Follow the resistance management guidelines in the Resistance Management Section. Do not apply



Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Jaboticaba Jackfruit Longan Loquat Lychee Mango Papaya Passionfruit Pawpaw Persimmon Pulasan Rambutan Sapodilla Sapote, Black Sapote, Mamey Sapote, White Soursop Star Apple Starfruit Sugar Apple Spanish Lime Tamarind	<b>Soilborne Diseases</b> Seedling Root Rot, Basal Stem Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.  For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 92.3 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.5 lbs. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Vegetables, Leaves of Root and Tuber Group and Root Subgroup</b>	<b>Foliar Diseases</b> Alternaria Leaf Spot ( <i>Alternaria spp.</i> , <i>A. alternata</i> ) Ascochyta Leaf Spot ( <i>Ascochyta cynarae</i> ) Rust ( <i>Uromyces betae</i> , <i>Puccinia helianthi</i> ) White Rust ( <i>Albugo tragopogonis</i> )	6.0-20.0 (0.10-0.33)	For powdery mildew, make preventative applications on a 5- to 7-day schedule. For all other diseases, Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season every 7-14 days following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.
Beet, Garden and Sugar <sup>1,2</sup> Burdock <sup>1,2</sup> Carrot <sup>1,2</sup> Cassava, Bitter and Sweet <sup>1</sup> Celeriac (celery root) <sup>1,2</sup> Chervil, Turnip- Rooted <sup>1,2</sup> Chicory <sup>1,2</sup> Dasheen (taro) <sup>1</sup> Ginseng <sup>2</sup> Horseradish <sup>2</sup> Parsley, Turnip-Rooted <sup>2</sup> Parsnip <sup>1,2</sup>	Cercospora Leaf Spot ( <i>Cercospora betae</i> , <i>C. pastinaceae</i> ) Powdery Mildew ( <i>Erysiphe polygoni</i> , <i>Leveillula taurica</i> )	9.0-15.5 (0.15-0.25)	Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Radish <sup>1,2</sup> Radish, Oriental (daikon) <sup>1,2</sup> Rutabega <sup>1,2</sup> Salsify <sup>2</sup> Salsify, Black <sup>1,2</sup> Salsify, Spanish <sup>2</sup> Skirret <sup>2</sup> Sweet Potato <sup>1</sup> Tanier <sup>1</sup> Turnip <sup>1,2</sup> Yam, True <sup>1</sup>	<b>Soilborne Diseases</b> Circular Spot, Southern Blight ( <i>Sclerotium rolfsii</i> ) Pythium Root Rot ( <i>Pythium</i> <i>aphanidermatum</i> ) Rhizoctonia Stem Canker, Crown Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING            DISEASE CONTROL</b> section.  <b>For sugar beets</b> apply 3-7 inch banded applications in a minimum of 10 gallons per acre at the 2- to 8-leaf stage. Do not apply as a dribble application over the seed row. Tank mixtures of Willowood Azoxystrobin 2.08SC with crop oil concentrates (COC) or methylated spray oil (MSO) may result in crop injury. If cool soil conditions are expected after planting which could result in an extended period of plant emergence, Willowood Azoxystrobin 2.08SC should not be applied in-furrow. If using Willowood Azoxystrobin 2.08SC at the time of planting, do not use a starter fertilizer with it.

<sup>1</sup>=Vegetable leaves of root and tuber subgroup

<sup>2</sup>=Root vegetable subgroup

**Specific Use Restrictions:**

- 1) Do not apply more than 123 fl. oz. of product/A/season.
- 2) Do not apply more than 2.0 lbs. a.i./A/season of azoxystrobin-containing products.
- 3) Apply as an in-furrow spray in a minimum of 10 gallons per acre.
- 4) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Vegetables, Tuberous            and Corm Subgroup</b>  Arracacha Arrowroot Artichoke, Chinese and Jerusalem Canna, Edible Cassava, Edible, Bitter and Sweet Chayote (root) Chufa Dasheen (Taro) Ginger Leren Potato Sweet Potato	<b>Foliar Diseases</b> Alternaria Leaf Spot ( <i>Alternaria</i> spp., <i>A.</i> <i>Alternata</i> ) Ascochyta Leaf Spot ( <i>Ascochyta cynarae</i> ) Rust ( <i>Uromyces betae</i> , <i>Puccinia helianthi</i> ) White Rust ( <i>Albugo</i> <i>tragopogonis</i> )	6.0-20.0 (0.10-0.33)	For powdery mildew, make preventative applications on a 5- to 7-day schedule. For all other diseases, Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season every 7-14 days following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with
	Cercospora Leaf Spot ( <i>Cercospora betae</i> , <i>C.</i> <i>pastinaceae</i> ) Powdery Mildew ( <i>Erysiphe polygoni</i> , <i>Leveillula taurica</i> )	9.0-15.5 (0.15-0.25)	

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Tanier Turmeric Yam, Bean Yam, True	<b>Soilborne Diseases</b> Circular Spot, Southern Blight ( <i>Sclerotium rolfsii</i> ) Rhizoctonia Stem Canker, Crown Rot ( <i>Rhizoctonia solani</i> ) Pythium Root Rot ( <i>Pythium</i> <i>aphanidermatum</i> )	0.40-0.80 fl. oz./1000 row feet	a fungicide that is not in Group 11. For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 123 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 2.0 lbs. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 14 days of harvest (14-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Watercress	Cercospora Leaf Spot ( <i>Cercospora</i> spp.)	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season on a 7- to 10- day schedule, following resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 93.2 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.5 lbs. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 7 days of harvest (7-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Cereals  Wheat Triticale	Leaf Rust ( <i>Puccinia triticina</i> = <i>Puccinia recondita</i> f.sp. <i>tritici</i> ) Septoria Leaf and Glume Blotch ( <i>Septoria tritici</i> , <i>Septoria nodorum</i> ) Stem Rust ( <i>Puccinia graminis</i> ) Stripe Rust ( <i>Puccinia striiformis</i> ) Tan Spot ( <i>Pyrenophora tritici-repentis</i> )	4.0-12.0 (0.07-0.20)	Willowood Azoxystrobin 2.08SC should be applied prior to disease development. Applications may be made by ground, air or chemigation. A crop oil concentrate adjuvant may be added at 1.0% v/v to optimize efficacy.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicide before alternation with a fungicide that is not in Group 11. Do not make more than two applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicide per season.
	Powdery Mildew ( <i>Erysiphe graminis</i> )	7.5-11.0 (0.125-0.175)	
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply after Feekes 10.54.</li> <li>2) Do not apply more than 0.40 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 7 days (7-day PHI) for forage and hay.</li> <li>4) Do not apply within 14 days of grazing (14-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Wild Rice	Brown Spot ( <i>Bipolaris oryzae</i> or <i>Bipolaris sorokiana</i> )  Also known as <i>Helminthosporium oryzae</i> and <i>H. sativum</i> )  Stem Rot ( <i>Nakataea sigmoidea</i> )	12.5-15.5 (0.20-0.25)	Willowood Azoxystrobin 2.08SC should be applied prior to disease development. Applications may be made by ground, air or chemigation. For aerial application, volumes should be 5-10 GPA. An adjuvant may be added at specified rates.  For foliar diseases, apply Willowood Azoxystrobin 2.08SC prior to disease development. Apply during tillering, boot, early heading, or at initial sign of disease. Under heavy disease pressure and conditions favorable for disease development, a second application may be applied.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicide before alternation with a fungicide that is not in Group 11. Do not make more than two applications of Willowood Azoxystrobin 2.08SC or

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
			other Group 11 fungicide per season.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not treat wild rice fields used for aquaculture of fish and crustaceans.</li> <li>2) Do not apply when weather conditions favor drift from treated areas to non-target aquatic habitat. Applicators should use care in making applications near non-target aquatic habitats.</li> <li>3) Do not apply more than 0.70 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>4) Do not allow release of irrigation or flood water for at least 14 days after the last application.</li> <li>5) Do not apply within 28 days of harvest (28-day PHI).</li> </ol>			

**Willowood Azoxystrobin 2.08SC Rate Conversion Chart**

Fl. oz. Product/A	Lb. a.i./A	Treated Acres/Gal. Product
4.0	0.07	32.0
5.0	0.08	25.6
5.5	0.09	23.2
6.0	0.10	21.3
6.2	0.10	21.3
7.0	0.11	18.3
8.5	0.14	15.4
9.0	0.15	14.2
9.2	0.15	14.2
10.0	0.16	13.0
11.0	0.18	11.6
12.0	0.20	10.4
12.3	0.20	10.4
13.0	0.21	9.8
14.0	0.23	9.1
15.4	0.25	8.3
15.5	0.25	8.3
18.3	0.30	6.9
18.5	0.30	6.9
20.0	0.33	6.4
20.3	0.33	6.4
24.5	0.40	5.2

#### POST HARVEST APPLICATIONS

Crop	Target Diseases	Use Rate	Remarks
<b>Bananas</b> <b>Plantains</b>	Crown Rot/Crown Mold ( <i>Colletotrichum musae</i> , <i>Fusarium pallidoroseum</i> , <i>Acremonium</i> spp., <i>Ceratocystis paradoxa</i> , <i>Glomerella cingulate</i> , <i>Penicillium</i> spp.)	200-400 ppm solution	Apply Willowood Azoxystrobin 2.08SC as a single application of a 200-400 ppm solution to achieve good coverage. The application may be made as a spray, dip or may be painted onto the cut ends of the bananas. Application of the 200 ppm rate is appropriate for short distance transportation (e.g., within the USA). When a longer time in transport is expected (export), use the 300-400 ppm rate. If alum (1% w/v) is added

Crop	Target Diseases	Use Rate	Remarks								
			<p>to the spray solution, stir the suspension frequently as sedimentation and flocculation may occur. Addition of a non-ionic surfactant (0.10% v/v) may improve the compatibility of this mixture.</p> <p><b>Amount of Willowood Azoxystrobin 2.08SC to Mix 100 Gallons for Post-Harvest Banana Applications</b></p> <table><tr><th>Willowood Azoxystrobin 2.08SC Use Rate</th><th>100.0 gal. Spray Solution</th></tr><tr><td>200 ppm</td><td>11 fl. oz.</td></tr><tr><td>300 ppm</td><td>15 fl. oz.</td></tr><tr><td>400 ppm</td><td>21 fl. oz.</td></tr></table>	Willowood Azoxystrobin 2.08SC Use Rate	100.0 gal. Spray Solution	200 ppm	11 fl. oz.	300 ppm	15 fl. oz.	400 ppm	21 fl. oz.
Willowood Azoxystrobin 2.08SC Use Rate	100.0 gal. Spray Solution										
200 ppm	11 fl. oz.										
300 ppm	15 fl. oz.										
400 ppm	21 fl. oz.										

**Specific Use Restrictions:**

- 1) Do not make more than one application to bananas as post-harvest treatment.
- 2) Willowood Azoxystrobin 2.08SC may be degraded by exposure to direct sunlight. Do not store treated fruit in direct sunlight.

Crop	Target Diseases	Use Rate	Remarks
<p><b>Citrus Fruit Crop Group 10-10*</b></p> <p>Calamondin Citron Citrus Hybrids Grapefruit Kumquat Lemon Lime Mandarin Orange (sour and sweet) Pummelo Satsuma Mandarin Tangerine Uniq Fruit Hybrid</p> <p>Including all cultivars and/or hybrids of these</p> <p>See complete list of citrus fruit crops below.</p> <p>*Not approved for this use in California.</p>	<p>Penicillium Decays Green Mold, Whisker Mold, Suppression of Blue Mold (<i>Penicillium</i> spp.) Diplodia Stem-End Rot (<i>Diplodia natalensis</i>) Phomopsis Stem-End Rot (<i>Phomopsis citrii</i>)</p>	<p>See Remarks</p>	<p>Use Willowood Azoxystrobin 2.08SC as a dip, drench, flood, or spray for the control of certain post-harvest diseases.</p> <p><b>For high volume (dilute) applications:</b> Mix 32-64 fl. oz. of Willowood Azoxystrobin 2.08SC in 25-100 gallons of an appropriate water, wax/oil emulsion, or aqueous dilution of a wax/oil emulsion for the crop being treated. Use T-Jet, flooders, or similar application systems.</p> <p><b>For low volume (concentrate) applications:</b> Mix 32-64 fl. oz. of Willowood Azoxystrobin 2.08SC in 7-25 gallons of water, wax/oil emulsion, or aqueous dilution of wax/oil emulsion for the crop being treated. Apply to 250,000 lbs. of fruit. Use a controlled-droplet type of applicator or similar system.</p> <p><b>For dip applications:</b> Mix 32-64 fl. oz. of Willowood Azoxystrobin 2.08SC in 100 gallons of water, wax/oil emulsion, or aqueous dilution of wax/oil emulsion. Dip for approximately 30 seconds and allow</p>

Crop	Target Diseases	Use Rate	Remarks
			fruit to drain. For maximum decay control, treat citrus fruit once before storage and once after storage, just prior to marketing.
<b>Complete List of Citrus Fruit Crops:</b> Australian Desert Lime ( <i>Eremocitrus glauca</i> ); Australian Finger Lime ( <i>Microcitrus australasica</i> ); Australian Round Lime ( <i>Microcitrus australis</i> ); Brown River Finger Lime ( <i>Microcitrus papuana</i> ); Calamondin ( <i>Citrofortunella microcarpa</i> ); Citron ( <i>Citrus medica</i> ); Citrus Hybrids, <i>Citrus</i> spp., <i>Eremocitrus</i> spp., <i>Fortunella</i> spp., <i>Microcitrus</i> spp., and <i>Poncirus</i> spp., Grapefruit ( <i>Citrus paradise</i> ); Japanese Summer Grapefruit ( <i>Citrus natsudaidai</i> ); Kumquat ( <i>Fortunella</i> spp.); Lemon ( <i>Citrus limon</i> ); Lime ( <i>Citrus aurantiifolia</i> ); Mediterranean Mandarin ( <i>Citrus deliciosa</i> ); Mount White Lime ( <i>Microcitrus garrowayae</i> ); New Guinea Wild Lime ( <i>Microcitrus warburgiana</i> ); Orange, Sour ( <i>Citrus aurantium</i> ); Orange, Sweet ( <i>Citrus sinensis</i> ); Pummelo ( <i>Citrus maxima</i> ); Russell River Lime ( <i>Microcitrus inodora</i> ); Satsuma Mandarin ( <i>Citrus unshiu</i> ); Sweet Lime ( <i>Citrus limetta</i> ); Tachibana Orange ( <i>Citrus tachibana</i> ); Tahiti Lime ( <i>Citrus latifolia</i> ); Tangelo ( <i>Citrus x tangelo</i> ); Tangerine (Mandarin) ( <i>Citrus reticulata</i> ); Tangor ( <i>Citrus nobilis</i> ); Trifoliate Orange ( <i>Poncirus trifoliate</i> ); Uniq Fruit ( <i>Citrus aurantium</i> Tangelo group); cultivars, varieties and/or hybrids of these.			
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not make more than two applications to citrus fruit as post-harvest treatments.</li> <li>2) Willowood Azoxystrobin 2.08SC may be degraded by exposure to direct sunlight. Do not store treated fruit in direct sunlight.</li> </ol>			

#### Tuberous and Corm Vegetable Subgroup 1C – Post Harvest\*

\*Not approved for this use in California.

Arracacha; Arrowroot; Artichoke, Chinese; Artichoke, Jerusalem; Canna, Edible; Cassava, Bitter and Sweet; Chayote (root); Chufa; Dasheen; Ginger; Leren; Potato; Sweet Potato; Tanier; Turmeric; Yam Bean; Yam, True.

Use Willowood Azoxystrobin 2.08SC as a post-harvest spray for the control of certain post-harvest rots caused by Silver Scurf (*Helminthosporium solani*), *Fusarium* species, Late Blight (*Phytophthora infestans*), and Pink Rot (*Phytophthora erythroseptica*).

Application Method	Disease	Rate (fl. oz.)	Remarks
In-Line Aqueous Spray Application	Silver Scurf Fusarium Dry Rot Late Blight Pink Rot	0.6 fl. oz./ton of tubers	<ul style="list-style-type: none"> <li>• Ensure proper coverage of the tubers. Tubers should be tumbling as they are treated.</li> <li>• Mix the fungicide solution in an appropriate amount of water for the crop being treated.</li> <li>• Use T-Jet, CDA, or similar application system.</li> </ul>
<b>Do not make more than one post-harvest application to the tubers.</b>			
<b>Specific Use Restrictions:</b> <ul style="list-style-type: none"> <li>• Do not use on seed potatoes or seed pieces.</li> <li>• Ensure the Willowood Azoxystrobin 2.08SC solution remains in suspension by using agitation.</li> </ul>			

## TURF

[Note to reviewer: Text appearing in brackets "[ ]" below is being designated as optional text and may appear on the final printed label:

**[Not approved for use on Turf in California]**

[Golf course turf (not for use in California).]

[Commercial turf farms (not for use in California).]

Willowood Azoxystrobin 2.08SC is recommended for control of anthracnose, brown patch, cool weather brown patch (yellow patch), Fusarium patch, gray leaf spot, gray snow mold (Typhula blight), leafspot, melting out, necrotic ring spot, pink patch, pink snow mold, Pythium blight, Pythium root rot, red thread, Rhizoctonia large patch, southern blight, spring dead spot, summer patch, take-all patch, and Zoysia patch on golf courses, lawns and landscape areas around residential, institutional, public, commercial and industrial buildings, parks, recreational areas and athletic fields.

**Integrated Pest (Disease) Management:** Sound turf management resulting in healthy, vigorous turf is the foundation of a good IPM program. Cultural practices such as proper choice of turf variety, nutrient management, proper cutting height, thatch management, and proper watering, drainage, and moisture stress management should be integrated with the use of fungicides to increase turf vigor and reduce the susceptibility to disease. Immunoassay detection kits and extension service diagnostic services can assist in the early and accurate identification of causal organisms and corresponding selection of the proper fungicide when required.

**Resistance Management:** Some turf disease pathogens are known to have developed resistance to products used repeatedly for their control. Willowood Azoxystrobin 2.08SC should be applied in a tank mix or alternation program with other registered fungicides that have a different mode of action and to which pathogen resistance has not developed. Do not apply more than two sequential Willowood Azoxystrobin 2.08SC applications for *Pythium* spp. control. For all other diseases when *Pythium* spp. is not present, do not apply more than three sequential applications of Willowood Azoxystrobin 2.08SC.

**Application Directions:** Willowood Azoxystrobin 2.08SC should be applied prior to disease development. Mix Willowood Azoxystrobin 2.08SC with the required amount of water and apply as a dilute spray application in 2-4 gallons of water per 1000 square feet (87-174 gallons per acre). Repeat applications at specified intervals for as long as required. For spot treatments, use 0.4 fl. oz. Willowood Azoxystrobin 2.08SC per 1 to 2 gallons of water. Do not apply more than 9.6 quarts product/acre/year (7.1 fl. oz. product/1000 square feet/year). Apply by ground only.

**Rate Ranges:** Use the shortest specified application interval and/or use the higher specified rate when prolonged favorable disease conditions exist.

**Dollar Spot:** Willowood Azoxystrobin 2.08SC does not control dollar spot. Willowood Azoxystrobin 2.08SC is compatible in tank mixes with many other fungicides that control dollar spot. Always tank mix Willowood Azoxystrobin 2.08SC with another fungicide that controls dollar spot when this disease is present. Follow directions under TANK MIXES/COMPATIBILITY above.

### DIRECTIONS FOR APPLICATION FOR TURF DISEASES

Target Diseases	Use Rate (fl. oz. product per 1000 sq. ft.)	Application Interval (days)	Remarks*
Anthracnose ( <i>Colletotrichum graminicola</i> )	0.38-0.77	14-28	Apply when conditions are favorable for disease development.
Brown Patch ( <i>Rhizoctonia solani</i> )	0.38-0.77	14-28	Apply when conditions are favorable for disease development.
Cool weather brown patch Yellow patch ( <i>Rhizoctonia cerealis</i> )	0.38-0.77	28	Make one or two applications in fall or when conditions are favorable for disease development.
Fusarium patch	0.38-0.77	14-28	Apply when conditions are favorable



Target Diseases	Use Rate (fl. oz. product per 1000 sq. ft.)	Application Interval (days)	Remarks*
( <i>Microdochium nivale</i> )			for disease development.
Gray Leaf Spot ( <i>Pyricularia grisea</i> )	0.38-0.77	14-28	Begin applications before disease is present and continue applications while conditions are favorable for disease development.
Gray snow mold	1.35	Single application 14	Make a single application of 1.35 fl. oz. or two applications of 0.77 spaced 14 days apart in late fall just before snow cover. Tank mixing with another snow mold fungicide may enhance control under severe disease pressure.
Typhula blight ( <i>Typhula incarnata</i> , <i>T. ishikariensis</i> )	0.77		
Leafspot ( <i>Bipolaris sorokiniana</i> )	0.38-0.77	14-21	Apply when conditions are favorable for disease development.
Melting out ( <i>Drechslera poae</i> )	0.38-0.77	14-21	Apply when conditions are favorable for disease development.
Necrotic ring spot ( <i>Leptosphaeria korrae</i> )	0.38-0.77	14-28	Apply when conditions are favorable for disease development.
Pink patch ( <i>Limonomyces roseipellis</i> )	0.38-0.77	14-28	Apply when conditions are favorable for disease development.
Pink snow mold ( <i>Microdochium nivale</i> )	1.35 0.77	Single application 14	Make a single application of 1.35 fl. oz. or two applications of 0.77 spaced 14 days apart in late fall just before snow cover. Tank mixing with another snow mold fungicide may enhance control under severe disease pressure.
Pythium blight Pythium root rot ( <i>Pythium aphanidermatum</i> , <i>Pythium</i> spp.)	0.38-0.77	10-14	Begin applications before disease is present. During periods of prolonged favorable conditions, treat on the 10 day application interval. For use on newly seeded as well as established turf.
Red thread ( <i>Laetisaria fuciformis</i> )	0.38-0.77	14-28	Apply when conditions are favorable for disease development.
Rhizoctonia large patch ( <i>Rhizoctonia solani</i> )	0.38-0.77	28	Make one or two applications in fall or when conditions are favorable for disease development.
Southern blight ( <i>Sclerotium rolfsii</i> )	0.38-0.77	14-28	Apply when conditions are favorable for disease development.
Spring dead spot ( <i>Leptosphaeria korrae</i> ) or ( <i>Gaeumannomyces graminis</i> var. <i>graminis</i> ) or ( <i>Ophiosphaerella herpotricha</i> )	0.38-0.77	28	Make one or two applications in fall or when conditions are favorable for disease development.
Summer patch ( <i>Magnaporthe poae</i> )	0.38-0.77	14-28	Apply when conditions are favorable for disease development.
Take-all patch ( <i>Gaeumannomyces graminis</i> var. <i>avenae</i> )	0.38-0.77	28	Make two applications 28 days apart in the spring and two applications 28 days apart in the fall.
Zoysia patch ( <i>Rhizoctonia solani</i> and/or	0.38-0.77	28	Make one or two applications in late fall before snow cover or when

Target Diseases	Use Rate (fl. oz. product per 1000 sq. ft.)	Application Interval (days)	Remarks*
<i>Gaeumannomyces incrustana</i> )			conditions are favorable for disease development. Do not apply on top of snow.

\*Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC for control of *Pythium* spp. For all other diseases, do not apply more than four sequential applications of Willowood Azoxystrobin 2.08SC.

#### Willowood Azoxystrobin 2.08SC Rate Conversion Chart for Turf

Fluid Ounces Product Per 1000 Sq. Ft.	Ounces A.I. Per 1000 Sq. Ft.	Fluid Ounces Product Per Acre	Pints of Product Per Acre
0.4	0.104	17.4	1.1
0.5	0.130	21.8	1.4
0.6	0.156	26.1	1.6
0.7	0.182	30.5	1.9
0.77	0.200	33.5	2.1
1.35	0.35	58.8	3.7

#### Amount of Willowood Azoxystrobin 2.08SC to Mix 100 Gallons for Turf Applications

Willowood Azoxystrobin 2.08SC Use Rate (fl. oz.)	Spray Volume (gallons/1000 square feet)		
	2.0 gals. (fl. oz.)	3.0 gals. (fl. oz.)	4.0 gals. (fl. oz.)
0.4	20	13	10
0.5	25	17	13
0.6	30	20	15
0.7	35	23	18
0.77	38.5	25.7	19.3
1.35	67.5	45	33.75

#### SEED TREATMENT\*

\*Not approved for use as a Seed Treatment in California.

#### USE INFORMATION

Willowood Azoxystrobin 2.08SC is a broad spectrum, preventative fungicide with systemic and curative properties recommended for the control of many important plant diseases. Willowood Azoxystrobin 2.08SC may be applied in alternating programs or in tank mixes with other registered, crop protection products. All applications should be made according to the use directions that follow.

#### USE PRECAUTIONS

Do not graze or feed clippings from treated turf areas to animals. Do not plant the following crops for a period of 12 months since the last azoxystrobin application (unless an azoxystrobin product is registered for use on that crop): buckwheat, millet. All other crops with azoxystrobin registered uses may be planted immediately after the treated seed is planted.

#### SEED TREATMENT PRECAUTIONS

The Federal Seed Act requires that containers containing treated seed be labeled with the following statements:

- This seed has been treated with axoxystrobin
- Do not use treated seed for feed, food, or oil purposes

The U.S. Environmental Protection Agency requires the following statements on containers containing seed treated with azoxystrobin:

- Store treated seed away from food and feedstuffs
- Do not allow children, pets, or livestock to have access to treated seeds
- Wear long pants, long-sleeved shirt and protective gloves when handling treated seed
- Treated seeds exposed on soil surface may be hazardous to wildlife. Cover or collect treated seeds spilled during loading and planting
- Dispose of all excess treated seed by burying seed away from bodies of water
- Do not contaminate bodies of water when disposing of planting equipment wash water
- Dispose of seed packaging or containers in accordance with local requirements

### USE PRECAUTION

When using formulations that do not contain dye, a dye used to color the treated seed must be an EPA approved dye. Refer to 40 CFR 153.155(c). All seed treated with an economic poison must be colored to distinguish and prevent subsequent inadvertent use as a food for man or feed for animals.

### SEED TREATMENT USE INFORMATION

Apply Willowood Azoxystrobin 2.08SC at the specified rate per 100 pounds of seed, using standard slurry or mist-type seed treatment equipment. Uniform application to seed is necessary to ensure seed safety and best disease protection. Seed should be sound and well cured prior to treatment. Product should be diluted with sufficient water to secure seed coverage. Consult a seed treatment specialist regarding slurry rates recommended for the crop to be treated with Willowood Azoxystrobin 2.08SC.

It is recommended that Willowood Azoxystrobin 2.08SC be combined with a Pythium-active seed treatment product to offer broad spectrum protection against the seed and seedling disease complex (*Rhizoctonia* spp. and *Pythium* spp.)

Crop	Target Diseases	Use Rate Fl. oz. product/ cwt. seed	Remarks
Canola	Seedborne Diseases Blackleg ( <i>Phoma lingam</i> ) Seedling Rhizoctonia damping-off ( <i>Rhizoctonia solani</i> ) Alternaria seedling blight ( <i>Alternaria</i> spp.)	1.5	
Cucurbits	Seedling Rhizoctonia damping-off ( <i>Rhizoctonia solani</i> ) General seed decay fungi	0.25-1.5	
Peanut	Seedborne diseases Rhizoctonia damping-off ( <i>Rhizoctonia solani</i> )	0.25-1.5	Suppression only
Potato	Black scurf & stem canker ( <i>Rhizoctonia solani</i> ) Silver scurf ( <i>Helminthosporium solani</i> )	0.31-1.5	For suppression of black scurf and stem canker and for protection against silver scurf.
Sunflower	Downy Mildew ( <i>Plasmopora halstedii</i> )	0.25-1.5	Apply Willowood Azoxystrobin 2.08SC at the listed rate using

Crop	Target Diseases	Use Rate Fl. oz. product/ cwt. seed	Remarks
			standard slurry or mist-type seed treatment equipment. Uniform application to seed is necessary to ensure seed safety and best disease protection.
Rice	Seedborne fungi and early season diseases Sheath blight ( <i>Rhizoctonia solani</i> )	0.25-1.5	For protection against seedborne fungi and early season sheath blight.
Tomato	Seed decay and early season diseases Rhizoctonia damping-off ( <i>Rhizoctonia solani</i> )	0.25-1.5	For protection against seed decay and early season Rhizoctonia damping-off.
Wheat	Seedborne diseases Common bunt ( <i>Tilletia caries</i> ) Dwarf bunt ( <i>Tilletia controversa</i> )	0.25-1.5	For protection against seedborne diseases, common bunt and partial control of dwarf bunt.

Crop	Target Diseases	Use Rate Fl. oz. product/ cwt. seed	Remarks
<b>Non-Crop Uses</b>			
Flower Tree Seed	Seedborne diseases Rhizoctonia damping-off ( <i>Rhizoctonia solani</i> )	0.25-1.5	For early season protection against seedborne diseases and Rhizoctonia damping-off.
Ornamental Seed	Seedborne diseases Rhizoctonia damping-off ( <i>Rhizoctonia solani</i> )	0.25-1.5	For early season protection against seedborne diseases and Rhizoctonia damping-off.
Turfgrass	Seedborne diseases Rhizoctonia damping-off ( <i>Rhizoctonia solani</i> )	0.25-1.5	For early season protection against seedborne diseases and Rhizoctonia damping-off.

## STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

**PESTICIDE STORAGE:** Store in original containers only. Keep container closed when not in use. Do not store near food or feed. In case of spill on floor or paved surfaces, mop and remove to chemical waste storage area until proper disposal can be made if product cannot be used according to the label.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative of the nearest EPA Regional Office for guidance.

### CONTAINER HANDLING:

**[Nonrefillable Container (five gallons or less):]** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10

seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill or by incineration.

**[Nonrefillable Container (greater than five gallons):]** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill or by incineration.

### **CONDITION OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of Willowood, LLC or Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Willowood, LLC and Seller harmless for any claims relating to such factors.

Willowood, LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or Willowood, LLC, and Buyer and User assume the risk of any such use. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, WILLOWOOD, LLC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.**

To the extent consistent with applicable law, neither Willowood, LLC nor Seller shall be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF WILLOWOOD, LLC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF WILLOWOOD, LLC OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

Willowood, LLC and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of Willowood, LLC.

Ambush, Callisto, Halex, Plant Performance, Warrior with Zeon Technology are trademarks of a Syngenta Group Company.

Acrobat is a trademark of BASF Corporation.

Aliette and Phaser are trademarks of Bayer CropScience.

Botran is a trademark of Gowan Company.

Lorsban and Kelthane are trademarks of Dow AgroSciences, LLC.

Thiodan is a trademark of Universal Crop Protection Alliance, LLC.

[illegible]

## Willowood, LLC

8690 Lookingglass Road

Roseburg, Oregon 97471

541.679.9963 Office

541.679.4650 Fax

February 10, 2010

To Whom It May Concern:

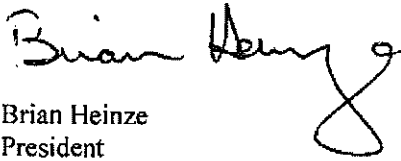
RE: Letter of Authorization

Dear Sir or Madam:

Please let this letter serve to confirm that Janelle Kay and Michael Kellogg of Pyxis Regulatory Consulting, Inc. are authorized to act as agent for Willowood, LLC (EPA Company Number 87290), before the U.S. Environmental Protection Agency, California Department of Pesticide Regulation Pesticide Registration Branch and other state governmental agencies in all matters regarding our pesticide registrations pursuant to the Federal Insecticide, Fungicide and Rodenticide Act ("FIFRA"), 7 U.S.C. § 136 et seq. and state law.

If you have any questions, please do not hesitate to contact me.

Sincerely,



Brian Heinze  
President  
Willowood, LLC

cc: Pyxis Regulatory Consulting, Inc.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 1042 1043 1044 1045 1046 1047 1048 1049 1050 1051 1052 1053 1054 1055 1056 1057 1058 1059 1060 1061 1062 1063 1064 1065 1066 1067 1068 1069 1070 1071 1072 1073 1074 1075 1076 1077 1078 1079 1080 1081 1082 1083 1084 1085 1086 1087 1088 1089 1090 1091 1092 1093 1094 1095 1096 1097 1098 1099 1100 1101 1102 1103 1104 1105 1106 1107 1108 1109 1110 1111 1112 1113 1114 1115 1116 1117 1118 1119 1120 1121 1122 1123 1124 1125 1126 1127 1128 1129 1130 1131 1132 1133 1134 1135 1136 1137 1138 1139 1140 1141 1142 1143 1144 1145 1146 1147 1148 1149 1150 1151 1152 1153 1154 1155 1156 1157 1158 1159 1160 1161 1162 1163 1164 1165 1166 1167 1168 1169 1170 1171 1172 1173 1174 1175 1176 1177 1178 1179 1180 1181 1182 1183 1184 1185 1186 1187 1188 1189 1190 1191 1192 1193 1194 1195 1196 1197 1198 1199 1200 1201 1202 1203 1204 1205 1206 1207 1208 1209 1210 1211 1212 1213 1214 1215 1216 1217 1218 1219 1220 1221 1222 1223 1224 1225 1226 1227 1228 1229 1230 1231 1232 1233 1234 1235 1236 1237 1238 1239 1240 1241 1242 1243 1244 1245 1246 1247 1248 1249 1250 1251 1252 1253 1254 1255 1256 1257 1258 1259 1260 1261 1262 1263 1264 1265 1266 1267 1268 1269 1270 1271 1272 1273 1274 1275 1276 1277 1278 1279 1280 1281 1282 1283 1284 1285 1286 1287 1288 1289 1290 1291 1292 1293 1294 1295 1296 1297 1298 1299 1300 1301 1302 1303 1304 1305 1306 1307 1308 1309 1310 1311 1312 1313 1314 1315 1316 1317 1318 1319 1320 1321 1322 1323 1324 1325 1326 1327 1328 1329 1330 1331 1332 1333 1334 1335 1336 1337 1338 1339 1340 1341 1342 1343 1344 1345 1346 1347 1348 1349 1350 1351 1352 1353 1354 1355 1356 1357 1358 1359 1360 1361 1362 1363 1364 1365 1366 1367 1368 1369 1370 1371 1372 1373 1374 1375 1376 1377 1378 1379 1380 1381 1382 1383 1384 1385 1386 1387 1388 1389 1390 1391 1392 1393 1394 1395 1396 1397 1398 1399 1400 1401 1402 1403 1404 1405 1406 1407 1408 1409 1410 1411 1412 1413 1414 1415 1416 1417 1418 1419 1420 1421 1422 1423 1424 1425 1426 1427 1428 1429 1430 1431 1432 1433 1434 1435 1436 1437 1438 1439 1440 1441 1442 1443 1444 1445 1446 1447 1448 1449 1450 1451 1452 1453 1454 1455 1456 1457 1458 1459 1460 1461 1462 1463 1464 1465 1466 1467 1468 1469 1470 1471 1472 1473 1474 1475 1476 1477 1478 1479 1480 1481 1482 1483 1484 1485 1486 1487 1488 1489 1490 1491 1492 1493 1494 1495 1496 1497 1498 1499 1500 1501 1502 1503 1504 1505 1506 1507 1508 1509 1510 1511 1512 1513 1514 1515 1516 1517 1518 1519 1520 1521 1522 1523 1524 1525 1526 1527 1528 1529 1530 1531 1532 1533 1534 1535 1536 1537 1538 1539 1540 1541 1542 1543 1544 1545 1546 1547 1548 1549 1550 1551 1552 1553 1554 1555 1556 1557 1558 1559 1560 1561 1562 1563 1564 1565 1566 1567 1568 1569 1570 1571 1572 1573 1574 1575 1576 1577 1578 1579 1580 1581 1582 1583 1584 1585 1586 1587 1588 1589 1590 1591 1592 1593 1594 1595 1596 1597 1598 1599 1600 1601 1602 1603 1604 1605 1606 1607 1608 1609 1610 1611 1612 1613 1614 1615 1616 1617 1618 1619 1620 1621 1622 1623 1624 1625 1626 1627 1628 1629 1630 1631 1632 1633 1634 1635 1636 1637 1638 1639 1640 1641 1642 1643 1644 1645 1646 1647 1648 1649 1650 1651 1652 1653 1654 1655 1656 1657 1658 1659 1660 1661 1662 1663 1664 1665 1666 1667 1668 1669 1670 1671 1672 1673 1674 1675 1676 1677 1678 1679 1680 1681 1682 1683 1684 1685 1686 1687 1688 1689 1690 1691 1692 1693 1694 1695 1696 1697 1698 1699 1700 1701 1702 1703 1704 1705 1706 1707 1708 1709 1710 1711 1712 1713 1714 1715 1716 1717 1718 1719 1720 1721 1722 1723 1724 1725 1726 1727 1728 1729 1730 1731 1732 1733 1734 1735 1736 1737 1738 1739 1740 1741 1742 1743 1744 1745 1746 1747 1748 1749 1750 1751 1752 1753 1754 1755 1756 1757 1758 1759 1760 1761 1762 1763 1764 1765 1766 1767 1768 1769 1770 1771 1772 1773 1774 1775 1776 1777 1778 1779 1780 1781 1782 1783 1784 1785 1786 1787 1788 1789 1790 1791 1792 1793 1794 1795 1796 1797 1798 1799 1800 1801 1802 1803 1804 1805 1806 1807 1808 1809 1810 1811 1812 1813 1814 1815 1816 1817 1818 1819 1820 1821 1822 1823 1824 1825 1826 1827 1828 1829 1830 1831 1832 1833 1834 1835 1836 1837 1838 1839 1840 1841 1842 1843 1844 1845 1846 1847 1848 1849 1850 1851 1852 1853 1854 1855 1856 1857 1858 1859 1860 1861 1862 1863 1864 1865 1866 1867 1868 1869 1870 1871 1872 1873 1874 1875 1876 1877 1878 1879 1880 1881 1882 1883 1884 1885 1886 1887 1888 1889 1890 1891 1892 1893 1894 1895 1896 1897 1898 1899 1900 1901 1902 1903 1904 1905 1906 1907 1908 1909 1910 1911 1912 1913 1914 1915 1916 1917 1918 1919 1920 1921 1922 1923 1924 1925 1926 1927 1928 1929 1930 1931 1932 1933 1934 1935 1936 1937 1938 1939 1940 1941 1942 1943 1944 1945 1946 1947 1948 1949 1950 1951 1952 1953 1954 1955 1956 1957 1958 1959 1960 1961 1962 1963 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072 2073 2074 2075 2076 2077 2078 2079 2080 2081 2082 2083 2084 2085 2086 2087 2088 2089 2090 2091 2092 2093 2094 2095 2096 2097 2098 2099 2100 2101 2102 2103 2104 2105 2106 2107 2108 2109 2110 2111 2112 2113 2114 2115 2116 2117 2118 2119 2120 2121 2122 2123 2124 2125 2126 2127 2128 2129 2130 2131 2132 2133 2134 2135 2136 2137 2138 2139 2140 2141 2142 2143 2144 2145 2146 2147 2148 2149 2150 2151 2152 2153 2154 2155 2156 2157 2158 2159 2160 2161 2162 2163 2164 2165 2166 2167 2168 2169 2170 2171 2172 2173 2174 2175 2176 2177 2178 2179 2180 2181 2182 2183 2184 2185 2186 2187 2188 2189 2190 2191 2192 2193 2194 2195 2196 2197 2198 2199 2200 2201 2202 2203 2204 2205 2206 2207 2208 2209 2210 2211 2212 2213 2214 2215 2216 2217 2218 2219 2220 2221 2222 2223 2224 2225 2226 2227 2228 2229 2230 2231 2232 2233 2234 2235 2236 2237 2238 2239 2240 2241 2242 2243 2244 2245 2246 2247 2248 2249 2250 2251 2252 2253 2254 2255 2256 2257 2258 2259 2260 2261 2262 2263 2264 2265 2266 2267 2268 2269 2270 2271 2272 2273 2274 2275 2276 2277 2278 2279 2280 2281 2282 2283 2284 2285 2286 2287 2288 2289 2290 2291 2292 2293 2294 2295 2296 2297 2298 2299 2300 2301 2302 2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 2329 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2346 2347 2348 2349 2350 2351 2352 2353 2354 2355 2356 2357 2358 2359 2360 2361 2362 2363 2364 2365 2366 2367 2368 2369 2370 2371 2372 2373 2374 2375 2376 2377 2378 2379 2380 2381 2382 2383 2384 2385 2386 2387 2388 2389 2390 2391 2392 2393 2394 2395 2396 2397 2398 2399 2400 2401 2402 2403 2404 2405 2406 2407 2408 2409 2410 2411 2412 2413 2414 2415 2416 2417 2418 2419 2420 2421 2422 2423 2424 2425 2426 2427 2428 2429 2430 2431 2432 2433 2434 2435 2436 2437 2438 2439 2440 2441 2442 2443 2444 2445 2446 2447 2448 2449 2450 2451 2452 2453 2454 2455 2456 2457 2458 2459 2460 2461 2462 2463 2464 2465 2466 2467 2468 2469 2470 2471 2472 2473 2474 2475 2476 2477 2478 2479 2480 2481 2482 2483 2484 2485 2486 2487 2488 2489 2490 2491 2492 2493 2494 2495 2496 2497 2498 2499 2500 2501 2502 2503 2504 2505 2506 2507 2508 2509 2510 2511 2512 2513 2514 2515 2516 2517 2518 2519 2520 2521 2522 2523 2524 2525 2526 2527 2528 2529 2530 2531 2532 2533 2534 2535 2536 2537 2538 2539 2540 2541 2542 2543 25

# There is an **ELECTRONIC LABEL** for this action

You can use Acrobat to compare the e-label to the previous version (and find the changes). You can also use Acrobat to mark-up the e-label with your comments.

If e-label was submitted via

**CD-ROM with paper application**

then you will find e-label in

**Electronic Label Library**

*If the e-label is not found in the ELL then it was probably not named correctly and could not be entered into the ELL. However, the file can be retrieved from the CD which is retained by the Front End.*

or

If e-label was submitted via

**XML E-Submission (no paper)**

then you will find e-label in

**Documentum**

See overview of processing e-labels on other side of this sheet.

If you have any questions on e-labels, please contact one of your division e-label experts:

AD	Willie Abney	308-1689
	Renae Whitaker	308-7003
	Tracy Lantz	308-6415
BPPD		
RD	Tom Harris	308-9423



version: 9/11/02

PROPOSED LABEL		
EPA Registration #	Date Submitted to EPA	Electronic file name
87290-44	January 30, 2014	087290-00044.20140130.Willowood Azoxy 2SC label.pdf

Signature \_\_\_\_\_

Date 1/30/14

Name (typed)

Agent

Title

[illegible]



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF  
CHEMICAL SAFETY AND  
POLLUTION PREVENTION

Willowood, LLC  
Michael Kellogg  
c/o Pyxis Regulatory Consulting, Inc.  
4110 136<sup>th</sup> St. NW  
Gig Harbor, WA 98332

MAR 07 2014

Subject: Application for Pesticide Notification (PRN 98-10)  
Submission Date: 1/30/2014  
Product Name: Willowood Azoxystrobin 2.08SC  
EPA Reg. No.: 87290-44  
EPA Decision Number: 487843

Dear Mr. Kellogg:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action(s) requested fall within the scope of PRN 98-10.

The Agency acknowledges the addition of the alternate brand name "Willowood Azoxy 2SC."

The label submitted with the application has been stamped "Notification" and placed in our records. If you have any questions concerning this letter, please contact Erin Malone at 703-347-0253 or via email at [malone.erin@epa.gov](mailto:malone.erin@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Shaja B. Joyner".

Shaja B. Joyner  
Product Manager 20  
Fungicide Branch  
Registration Division (7504P)

PYXIS REGULATORY CONSULTING, INC.

4110 136<sup>th</sup> St. NW  
Gig Harbor, WA 98332

Phone: 253-853-7369  
Fax: 253-853-5516  
www.PyxisRC.com

January 30, 2014

2/10

COURIER DELIVERY

Shaja Joyner (PM 20)  
Document Processing Desk (**NOTIF**)  
Office of Pesticide Programs (7504P)  
U.S. Environmental Protection Agency  
Room S-4900, One Potomac Yard  
2777 S. Crystal Drive  
Arlington, VA 22202-4501

RE: Willowood, LLC – Willowood Azoxystrobin 2.08SC (EPA Reg. No. 87290-44)  
Notification of an Alternate Brand Name per PRN 98-10

Dear Ms. Joyner,

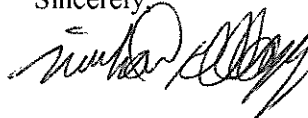
On behalf of Willowood, LLC please find the enclosed notification of an alternate brand name per PRN 98-10 for Willowood Azoxystrobin 2.08SC (EPA Reg. No. 87290-44). **The alternate brand name is "Willowood Azoxy 2SC".**

In support of this notification submission, we submit the following documents:

1. Completed Application for Registration (EPA Form 8570-1)
2. One (1) copy of the Willowood Azoxy 2SC labeling with changes tracked
3. One (1) copy of the Willowood Azoxy 2SC labeling with changes incorporated
4. Certification with Respect to Label Integrity
5. One (1) copy of the Willowood Azoxy 2SC labeling on CD
6. Letter of Authorization

Please feel free to contact me by phone (253) 853-7369 or by email at Mike@PyxisRC.com if you have any questions or need any additional information.

Sincerely,



Michael Kellogg

Enclosures

cc: B. Heinze; Willowood, LLC

2/10



United States  
Environmental Protection Agency  
Washington, DC 20460

Registration  
Amendment  
☒ Other

OPP Identifier Number

## Application for Pesticide - Section I

1. Company/Product Number 87290-44	2. EPA Product Manager S. Joyner	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Willowood, LLC / Willowood Azoxystrobin 2.08SC	PM# 20	
5. Name and Address of Applicant (Include ZIP Code) Willowood, LLC c/o Pyxis Regulatory Consulting, Inc. 4110 136th St. NW Gig Harbor, WA 98332 <input type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____

## Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification of an alternate brand name per PRN 98-10. The alternate brand name is "Willowood Azoxy 2SC". This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

## Section - III

1. Material This Product Will Be Packaged In:			
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Type of Container <input checked="" type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 1, 2.5, 30, 250 gallons	
5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product		6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled <input type="checkbox"/> Other _____	

## Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Michael Kellogg	Title Agent	Telephone No. (Include Area Code) (253) 853-7369	
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			6. Date Application Received (Stamped)
2. Signature 	3. Title Agent		
4. Typed Name Michael Kellogg	5. Date 1/30/14		

# Willowood Azoxy 2SC

Use as a broad spectrum fungicide for control of listed plant diseases on labeled crops; for control of listed post-harvest diseases in banana and citrus; and for control of listed diseases on labeled turf sites.

**ACTIVE INGREDIENT:**

Azoxystrobin: methyl (E)-2-[2-[6-(2-cyanophenoxy)pyrimidin-4-yloxy]phenyl]-3-methoxyacrylate\* .....22.9%

**OTHER INGREDIENTS:** .....77.1%

**TOTAL:** ..... 100.0%

Contains 2.08 lb. a.i. of active ingredient per gallon.

\*IUPAC

## KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID	
<b>If swallowed:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If skin or clothing:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency information concerning this product, call the National Pesticides Information Center (NPIC) at 1-800-858-7378 seven days a week, 6:30 am to 4:30 pm Pacific Time or your poison control center at 1-800-222-1222.	

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if swallowed. Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing.

## NOTIFICATION

MAR 07 2014

EPA Reg. No. 87290-44

EPA Est. No.

Manufactured for:  
Willowood, LLC  
1600 NW Garden Valley Blvd. #120  
Roseburg, OR 97471

**Net Contents:**

## PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemically resistant to this product are listed below. If you want more options, follow the instructions for category A on an EPA chemical resistance category selection chart.

### Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material such as polyvinyl chloride, nitrile rubber or butyl rubber
- Shoes plus socks

## USER SAFETY REQUIREMENTS

Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

## ENGINEERING CONTROLS

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240 (d) (4-6)), the handler PPE requirements may be reduced or modified as specified in the WPS.

**IMPORTANT:** When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for "applicators and other handlers" and have such PPE immediately available for use in an emergency, such as a spill or equipment breakdown.

### USER SAFETY RECOMMENDATIONS

#### Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Wash thoroughly with soap and water after handling.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

## ENVIRONMENTAL HAZARDS

Azoxystrobin is toxic to freshwater and estuarine/marine fish and aquatic invertebrates. Azoxystrobin can be persistent for several months or longer.

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or regional office of the EPA.

For terrestrial uses: Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment washwater or rinsate.

### Ground Water Advisory

Azoxystrobin and adegadate of azoxystrobin are known to leach through soil to ground water under certain conditions as a result of label use. This chemical may leach into ground water if used in areas where soils are permeable, particularly where the water table is shallow.

### Surface Water Advisory

This product may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soils and soils with shallow ground water. This product is classified as having a high potential for reaching surface water via runoff for several months or more after application. A level, well-maintained

vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential loading of azoxystrobin and a degradate of azoxystrobin from runoff water and sediment. Runoff of this product will be reduced by avoiding applications when rainfall or irrigation is expected to occur within 48 hours.

Notify State and/or Federal authorities and Willowood, LLC immediately if you observe any adverse environmental effects due to use of this product.

## **DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Failure to follow the use directions and precautions on this label may result in plant injury or poor disease control.

Use of this product through airblast application equipment on grapes is prohibited in the following townships and boroughs of Erie County, Pennsylvania:

North East, Harborcreek, Lawrence Park, Erie, Presque Isle, Millcreek, Fairview, Girard and Springfield

This prohibition is intended to help eliminate phytotoxicity problems with apples observed in this geographic location.

### **FAILURE TO FOLLOW THE USE DIRECTIONS AND PRECAUTIONS ON THIS LABEL MAY RESULT IN PLANT INJURY OR POOR DISEASE CONTROL.**

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

## **AGRICULTURAL USES**

Commercial turf farm use (Not for use in California).

### **AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Chemical-resistant gloves made of any waterproof material such as polyvinyl chloride, nitrile rubber or butyl rubber
- Shoes plus socks

## **NON-AGRICULTURAL USES**

Golf Courses (Not for use in California).

For use to control diseases on turf on golf courses, lawns and landscape areas around residential, institutional, public, commercial and industrial buildings, parks, recreational areas and athletic fields.

### **NON-AGRICULTURAL USE REQUIREMENTS**

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker

Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. The area being treated must be vacated by unprotected persons.

Do not treat areas while unprotected humans or domestic animals are present in the treatment areas. Because certain states may require more restrictive reentry intervals, consult your State Department of Agriculture for further information.

Do not allow entry into treatment area until area that was treated with this product is dry.

## PRODUCT INFORMATION

Willowood Azoxy 2SC is a broad spectrum, preventative fungicide with systemic and curative properties recommended for the control of many important plant diseases. Willowood Azoxy 2SC may be applied as a foliar spray in alternating spray programs or in tank mixes with other registered crop protection products. All applications must be made according to the use directions that follow.

## RESTRICTIONS

Do not graze or feed clippings from treated turf areas to animals.

Do not use for disease control in food crops grown in greenhouses.

DO NOT spray Willowood Azoxy 2SC where spray drift may reach apple trees.

DO NOT spray when conditions favor drift beyond area intended for application. Conditions which may contribute to drift include thermal inversion, wind speed and direction, sprayer nozzle/pressure combinations, spray droplet size, etc. Contact your State extension agent for spray drift prevention guidelines in your area.

DO NOT use spray equipment which has been previously used to apply Willowood Azoxy 2SC to spray apple trees. Even trace amounts can cause unacceptable phytotoxicity to certain apple and crabapple varieties.

## PRECAUTIONS

Willowood Azoxy 2SC is extremely phytotoxic to certain apple varieties.

AVOID SPRAY DRIFT. Extreme care must be used to prevent injury to apple trees (and apple fruit).

AVOIDING SPRAY DRIFT IS THE RESPONSIBILITY OF THE APPLICATOR.

Willowood Azoxy 2SC may demonstrate some phytotoxic effects when mixed with products that are formulated as ECs. These effects are enhanced if applications are made under cool, cloudy conditions and these conditions remain for several days following application. In addition, adjuvants that contain some form of silicone have also contributed to phytotoxicity.

## USE INSTRUCTIONS

**Application:** Thorough coverage is necessary to provide good disease control. Make no more spray solution than is needed for application. Avoid spray overlap, as crop injury may occur.

**Adjuvants:** When an adjuvant is to be used with this product, the use of an adjuvant that meets the standards of the Chemical Producers and Distributors Association (CPDA) adjuvant certification is recommended.

**Efficacy:** Under certain conditions conducive to extended infection periods, use another registered fungicide for additional applications if maximum amount of Willowood Azoxy 2SC has been used. If resistant isolates to Group 11 fungicides are present, efficacy can be reduced for certain diseases. The higher rates in the rate range and/or shorter spray intervals may be required under certain conditions of heavy infection pressure, with highly susceptible varieties, or when environmental conditions are conducive to disease.



## INTEGRATED PEST (DISEASE) MANAGEMENT

Willowood Azoxy 2SC should be integrated into an overall disease and pest management strategy whenever the use of a fungicide is required. Cultural practices known to reduce disease development should be followed. This should include selection of varieties with disease tolerance, removal of plant debris in which inoculums overwinters, and proper timing and placement of irrigation. Consult your local agricultural authorities for additional IPM strategies established for your area. Willowood Azoxy 2SC may be used in State Agricultural Extension advisory (disease forecasting) programs which recommend application timing based on environmental factors favorable for disease development.

**Crop Tolerance:** Plant tolerance has been found to be acceptable for all crops on the label, however, not all possible tank-mix combinations have been tested under all conditions. When possible, it is recommended to test the combinations on a small portion of the crop to ensure that a phytotoxic response will not occur as a result of application. See the PRECAUTIONS section for apple phytotoxicity information.

## RESISTANCE MANAGEMENT

GROUP	<b>11</b>	FUNGICIDE
-------	-----------	-----------

Willowood Azoxy 2SC (azoxystrobin) is a Group 11 fungicide. The mode of action for Willowood Azoxy 2SC is the inhibition of the QoI (quinone outside) site within the electron transport system [Group 11]. Fungal pathogens can develop resistance to products with the same mode of action when used repeatedly. Because resistance develop cannot be predicted, use of this product should conform to resistance management strategies established for the crop and use area. Consult your local or State agricultural authorities for resistance management strategies that are complementary to those in this label. Resistance management strategies may include alternating and/or tank-mixing with products having different modes of action or limiting the total number of applications per season. Syngenta encourages responsible resistance management to ensure effective long-term control of the fungal diseases on this label.

Follow the crop specific resistance management recommendations in the directions for use.

If no resistance recommendation on number of applications is specified in the directions for use, follow the recommendations in the table below.

If planned total number of fungicide applications per crop is:	1	2	3	4	5	6	7	8	9	10	11	12
<b>Recommended Solo QoI fungicide sprays</b>	1	1	2	2	2	2	2	3	3	3	3	4
<b>Recommended QoI fungicide sprays in mixture (tank-mix formulated)</b>	1	2	2	2	2	3	3	4	4	5	5	6

In situations requiring multiple sprays, develop season long spray programs for Group 11 (QoI) fungicides. In crops where two sequential Group 11 fungicide applications are made, they should be alternated with two or more applications of a fungicide that is not in Group 11. If more than 12 applications are made, observe the following guidelines:

- When using QoI fungicide as a solo product, the number of applications must be no more than 1/3 (33%) of the total number of fungicide applications per season.
- For QoI mixes in programs in which tank mixes or pre mixes of QoI with mixing partners of a different mode of action are utilized, the number of QoI containing applications must be no more than 1/2 (50%) of the total number of fungicide applications per season.
- In programs in which applications of QoI are made with both solo products and mixtures, the number of QoI containing applications must be no more than 1/2 (50%) of the total number of fungicide applications per season.

If Group 11 fungicide is applied to the seed or soil, do not make another application with a Group 11 fungicide for at least 3 weeks.

### Rotational Crop Restrictions

The following crops may be planted at the specified interval following application of this product.

#### Crop Rotational Interval

	Plant Back Interval
Buckwheat, millet	12 months
All other crops with Azoxystrobin registered uses	0 days

### SOILBORNE/SEEDLING DISEASE CONTROL

For those crops that have specific use directions for soilborne disease control: Willowood Azoxy 2SC can provide control of many soilborne diseases if applied early in the growing season. Specific applications for soilborne diseases include in-furrow applications and banded applications applied over the row, either shortly after plant emergence or during herbicide applications or cultivation. These applications will provide control of pre- or postemergence damping off and diseases that infect plants at the soil-plant interface.

The use of either type of application depends on the cultural practices in the region. In some locations, one type of application may provide better disease control than the other, depending on the timing of the disease epidemic. Seedling diseases are generally controlled by in-furrow applications while banded applications are more effective against soilborne diseases that develop later in the season. Consult your local expert to get some guidance regarding application type.

Under cool, wet conditions, crop injury from soil directed applications can occur.

#### BANDED

- Apply Willowood Azoxy 2SC prior to infection as a directed spray to the soil, using single or multiple nozzles, adjusted to provide thorough coverage of the lower stems and the soil surface surrounding the plants.
- Band width should be limited to 7 inches or less.
- Apply Willowood Azoxy 2SC at a rate of 0.40-0.80 fl. oz. product (0.10-0.20 oz. a.i.)/1000 row feet. For banded applications on 22-inch rows, the maximum application rate is 0.70 fl. oz./1000 row feet.
- These applications come into contact with the foliage and are counted as foliar applications when considering resistance management.
- They may be applied during cultivation or hilling operations to provide soil incorporation.

#### IN-FURROW

- Apply Willowood Azoxy 2SC as an in-furrow spray in 3-15 gallons of water at planting.
- Mount the spray nozzle so the spray is directed into the furrow just before the seeds are covered.
- Use the higher rate when the weather conditions are expected to be conducive for disease development, if the field has a history of Pythium problems, or if minimum/low till programs are in place.

#### IN-FURROW APPLICATION RATES

RATE PER 1000 ROW FEET		PRODUCT PER ACRE (fl. oz.)						
Fl. oz. product	Oz. a.i.	22" Rows	30" Rows	32" Rows	34" Rows	36" Rows	38" Rows	40" Rows
0.40	0.10	9.5	7.0	6.5	6.1	5.8	5.5	5.2
0.60	0.15	14.3	10.5	9.8	9.2	8.7	8.3	7.8
0.80	0.20	19.0	14.0	13.0	12.2	11.6	11.0	10.4

22" = 23,760 row ft., 30" = 17,424 row ft., 32" = 16,315 row ft., 34" = 15,374 row ft., 36" = 14,520 row ft., 38" = 13,754 row ft., and 40" = 13,068 row ft./Acre

## **DRIP**

Refer to the **Application Instructions Through Irrigation System** section.

## **SPRAY DRIFT MANAGEMENT**

To avoid spray drift, do not apply when conditions favor drift beyond the target area. The interaction of many equipment and weather related factors determine the potential for spray drift. **AVOIDING SPRAY DRIFT AT THE APPLICATION SITE IS THE RESPONSIBILITY OF THE APPLICATOR AND THE GROWER.**

## **ATTENTION**

Willowood Azoxy 2SC is extremely phytotoxic to certain apple varieties.

**AVOID SPRAY DRIFT.** Extreme care must be used to prevent injury to apple trees (and apple fruit).

**DO NOT** spray Willowood Azoxy 2SC where spray drift may reach apple trees.

**DO NOT** spray when conditions favor drift beyond area intended for application. Conditions which may contribute to drift include thermal inversion, wind speed and direction, sprayer nozzle/pressure combinations, spray droplet size, etc. Contact your State extension agent for spray drift prevention guidelines in your area.

**DO NOT** use spray equipment which has been previously used to apply Willowood Azoxy 2SC to spray apple trees. Even trace amounts can cause unacceptable phytotoxicity to certain apple and crabapple varieties.

**AVOIDING SPRAY DRIFT IS THE RESPONSIBILITY OF THE APPLICATOR.**

Do not apply when weather conditions favor drift from treated areas to non-target aquatic habitat.

## **MIXING AND APPLICATION METHODS**

### **Spray Equipment**

Willowood Azoxy 2SC may be applied with all types of spray equipment commonly used for making ground and aerial applications. Proper adjustments and calibration of spraying equipment to give good canopy penetration and coverage is essential for good disease control.

### **Nozzles**

- Equip sprayers with nozzles that provide accurate and uniform application.
- Nozzles should be the same size and uniformly spaced across the boom.
- Calibrate sprayer before use.
- It is suggested that screens be used to protect the pump and to prevent nozzles from clogging.
- Screens placed on the suction side of the pump should be 16-mesh or coarser.
- Do not place a screen in the recirculation line.
- Use 50-mesh or coarser screens between the pump and boom, and where required, at the nozzles.
- Check nozzle manufacturer's recommendations.

### **Pump**

- Use a pump with capacity to:
  - (1) Maintain 35-40 psi at nozzles
  - (2) Provide sufficient agitation in tank to keep mixture in suspension – this requires recirculation of 10% of tank volume per minute.
- Use a jet agitator or liquid sparge tube for agitation.
- Do not air sparge.

For more information on spray equipment and calibration, consult sprayer manufacturers and state recommendations. For specific local directions and spray schedules, consult the current state agricultural recommendations.

### **Mixing Instructions**

- Willowood Azoxy 2SC is a suspension concentrate (SC) formulation.

- Prepare no more spray mixture than is required for the immediate operation.
- Thoroughly clean spray equipment before using this product.
- Agitate the spray solution before and during application.
- Rinse spray tank thoroughly with clean water after each day's use and dispose of pesticide rinsate by application to an already treated area.

#### **Willowood Azoxy 2SC Alone (No Tank Mix)**

- Add 1/2 - 2/3 of the required amount of water to the spray or mixing tank.
- With the agitator running, add Willowood Azoxy 2SC to the tank.
- Continue agitation while adding the remainder of the water.
- Begin application of the spray solution after Willowood Azoxy 2SC has completely dispersed into the mix water.
- Maintain agitation until all of the mixture has been sprayed.

**Willowood Azoxy 2SC + Tank Mixtures:** Willowood Azoxy 2SC is usually compatible with all tank-mix partners listed on this label. To determine the physical compatibility of Willowood Azoxy 2SC with other products, use a jar test. Using a quart jar, add the proportionate amounts of the products to 1 qt. of water. Add wettable powders and water dispersible granular products first, then liquid flowables, and emulsifiable concentrates last. After thoroughly mixing, let stand for at least 5 minutes. If the combination remains mixed or can be remixed readily, it is physically compatible. Once compatibility has been proven, use the same procedure for adding required ingredients to the spray tank.

Willowood Azoxy 2SC has demonstrated some phytotoxic effects when mixed with products that are formulated as emulsifiable concentrates (EC). These effects are enhanced if applications are made under cool, cloudy conditions and these conditions remain for several days following application. In addition, adjuvants that contain some form of silicone have also contributed to phytotoxicity.

#### **Mixing in the Spray Tank**

- Add 1/2 - 2/3 of the required amount of water to the spray or mixing tank.
- With the agitator running, add the tank-mix partner(s) into the tank in the same order as described above.
- Allow the material to completely dissolve and disperse into the mix water. Continue agitation while adding the remainder of the water and Willowood Azoxy 2SC to the spray tank.
- Allow Willowood Azoxy 2SC to completely disperse.
- Spray the mixture with the agitator running.

### **APPLICATION INSTRUCTIONS THROUGH IRRIGATION SYSTEMS (CHEMIGATION)**

#### **Application Through Irrigation Systems (Chemigation)**

- Use only on crops for which chemigation is specified on this label.
- Apply this product only through center pivot, solid set, hand move, or moving wheel irrigation systems. Do not apply this product through any other type of irrigation system.
- Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water.
- Apply in 0.1-0.25 inches/acre. Excessive water may reduce efficacy.
- If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers, or other experts.
- Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system, unless the pesticide label-prescribed safety devices for public water systems are in place.
- A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

**Spray Preparation:** Chemical tank and injector system should be thoroughly cleaned. Flush system with clean water.

**Drip Irrigation:** Willowood Azoxy 2SC may be applied through drip irrigation systems for soilborne disease control. The soil should have adequate moisture capacity prior to drip application.

Terminate drip irrigation at fungicide depletion from the main feed supply tank or after 6 hours from start, whichever is shorter. For maximum efficacy, subsequent irrigation (water only) should be delayed for at least 24 hours following drip application.

### **Sprinkler Irrigation**

- Apply this product through sprinkler irrigation systems including center pivot, lateral move, end tow, side [wheel] roll, traveler, big gun, solid set, or hand move irrigation systems.
- Do not apply this product through any other type of irrigation system except as specified on this label.
- Apply with center pivot or continuous-move equipment distributing ½ acre-inch or less during treatment.
- In general, use the least amount of water required for proper distribution and coverage.
- If stationary systems (solid set, handlines or wheel lines other than continuous-move) are used, this product should be injected into no more than the last 20-30 minutes of the set.
- Do not apply when winds are greater than 10-15 mph to avoid drift or wind skips.
- Do not apply when wind speed favors drift beyond the area intended for treatment.
- Plant injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform treated water.
- Thorough coverage of foliage is required for good control.
- Good agitation should be maintained during the entire application period.

If you have questions about calibration you should contact State Extension Service specialist, equipment manufacturers or other experts.

### **Operating Instructions**

- 1) Do not apply when wind speed favors drift beyond the area intended for treatment.
- 2) The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water-source contamination from backflow.
- 3) The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- 4) The pesticide injection pipeline must also contain a functional, normally closed solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- 5) The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- 6) The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
- 7) Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- 8) Allow sufficient time for pesticide to be flushed through all lines and all nozzles before turning off irrigation water. A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.
- 9) Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.

### **Center Pivot Irrigation Equipment**

**Notes:** (1) Use only with drive systems which provide uniform water distribution. (2) Do not use end guns when chemigating Willowood Azoxy 2SC through center pivot systems because of non-uniform application.

- Determine the size of the area to be treated.
- Determine the time required to apply 1/8-1/2 inch of water over the area to be treated when the system and injection equipment are operated at normal pressures as specified by the equipment manufacturer. When applying Willowood Azoxy 2SC through irrigation equipment, use the lowest obtainable water volume while maintaining uniform distribution. Run the system at 80-95% of the manufacturer's rated capacity.
- Using water, determine the injection pump output when operated at normal line pressure.
- Determine the amount of Willowood Azoxy 2SC required to treat the area covered by the irrigation system.
- Add the required amount of Willowood Azoxy 2SC and sufficient water to meet the injection time requirements to the solution tank.
- Make sure the system is fully charged with water before starting injection of the Willowood Azoxy 2SC solution. Time the injection to last at least as long as it takes to bring the system to full pressure.
- Maintain constant solution tank agitation during the injection period.
- Continue to operate the system until the Willowood Azoxy 2SC solution has cleared the sprinkler head.

#### **Solid Set, Hand Move, and Moving Wheel Irrigation Equipment**

- Determine the acreage covered by the sprinklers.
- Fill injector solution tank with water and adjust flow rate to use the contents over a 20 to 30-minute interval. When applying Willowood Azoxy 2SC through irrigation equipment use the lowest obtainable water volume while maintaining uniform distribution.
- Determine the amount of Willowood Azoxy 2SC required to treat the area covered by the irrigation system.
- Add the required amount of Willowood Azoxy 2SC into the same quantity of water used to calibrate the injection period.
- Operate the system at the same pressure and time interval established during the calibration.
- Stop injection equipment after treatment is completed. Continue to operate the system until the Willowood Azoxy 2SC solution has cleared the last sprinkler head.

#### **Specific Instructions for Public Water Systems**

1. Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.
2. Chemigation systems connected to public water systems must contain a functional reduced-pressure zone, back-flow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.
3. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
4. The pesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
5. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.
6. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

7. Do not apply when wind speed favors drift beyond the area intended for treatment.

### USE INSTRUCTIONS

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Alfalfa (See Nongrass Animal Feeds Forage, Fodder, Straw and Hay)			
Almonds	Alternaria Leaf and Fruit Spot ( <i>Alternaria alternata</i> ) Anthracnose ( <i>Colletotrichum acutatum</i> ) Leaf Blight ( <i>Seimatosporium lichenicola</i> ) Leaf Rust ( <i>Tranzschelia discolor</i> ) Scab ( <i>Cladosporium carpophilum</i> ) Shot Hole ( <i>Wilsonomyces carpophilus</i> )	6.0-15.5 (0.10-0.25)	<p>Willowood Azoxy 2SC applications should begin prior to disease and continue throughout the season following the resistance management guidelines. Applications may be made by ground, air or chemigation. For aerial applications apply in a minimum of 15 GPA. Thorough and uniform coverage is essential for disease control. Reduced efficacy has been observed when uniform coverage cannot be obtained.</p> <p>Willowood Azoxy 2SC may be applied by air only at growth stages prior to and including 5 weeks after petal fall. An adjuvant may be added at specified rates.</p> <p>Anthracnose, scab and shot hole: Begin applications prior to disease development and continue at 7- to 14-day intervals throughout the season.</p> <p>Blossom blight: Begin applications at early bloom and continue through petal fall.</p> <p>Do not apply more than two sequential applications of Willowood Azoxy 2SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.</p>
	Brown Rot Blossom Blight ( <i>Monilinia laxa, M fructicola</i> )	12.0-15.5 (0.20-0.25)	
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 92.3 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.5 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 28 days of harvest (28-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Artichoke, Globe	Ramularia Leaf Spot ( <i>Ramularia cynarae</i> )	11.0-15.5 (0.18-0.25)	<p>Begin applications prior to or in the early stages of disease development and continue as needed throughout the season at a 2-3 week interval, up to and including the day of harvest. Do not apply at less than 7-day intervals. Applications may be made by ground, air or chemigation. For ground applications, apply in 50-200 gallons of water per acre to obtain coverage without excessive runoff. For aerial applications, apply in a minimum of 5 gallons of water per acre. An adjuvant may be added at specified rates.</p> <p>Do not apply more than one application of Willowood Azoxy 2SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.</p>
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 92.3 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.5 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Willowood Azoxy 2SC may be applied the day of harvest (0-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Asparagus	Stemphyllium Purple Spot ( <i>Stemphyllium vesicarium</i> )	6.0-15.5 (0.10-0.25)	<p>Willowood Azoxy 2SC applications should begin prior to disease development and continue throughout the season on a 7- to 14-day schedule, following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates. Use a minimum of 10 gallons of water per acre by air. An adjuvant may be added at specified rates.</p> <p>Do not apply more than one application of Willowood Azoxy 2SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.</p>



Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Specific Use Restrictions:</b> 1) Do not apply more than 92.3 fl. oz. of product/A/season. 2) Do not apply more than 1.5 lb. a.i./A/season of azoxystrobin-containing products. 3) Do not apply within 100 days of harvest (100-day PHI).			
<b>Bananas Plantains</b>	Black Sigatoka <i>(Mycosphaerella fijiensis)</i> Yellow Sigatoka <i>(Mycosphaerella musicola)</i>	5.5-8.5 (0.09-0.135)	Willowood Azoxy 2SC applications should begin prior to disease development and continue throughout the season every 12-14 days following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than two sequential applications of Willowood Azoxy 2SC or other Group 11 fungicides before alternations with a fungicide that is not in Group 11.
<b>Specific Use Restrictions:</b> 1) Do not apply more than 66.4 fl. oz. of product/A/season. 2) Do not apply more than 1.08 lb. a.i./A/season of azoxystrobin-containing products. 3) Willowood Azoxy 2SC may be applied the day of harvest (0-day PHI).			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Cereals</b>	Kernel Blight ( <i>Alternaria</i> spp.)	6.0-12.0 (0.10-0.20)	Willowood Azoxy 2SC should be applied prior to disease development. Protecting the flag leaf is important for maximizing disease control. For best results, sufficient water volume must be used to provide thorough coverage. Willowood Azoxy 2SC can be applied by ground, air or chemigation. A crop oil concentrate adjuvant may be added at 1% v/v to optimize efficacy. For chemigation, apply in 0.1-0.25 inches/A of water. Chemigation with excessive water may lead to a decrease in efficacy.  Do not apply more than two sequential applications of Willowood Azoxy 2SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11. Do not make more than two (2) applications of Willowood Azoxy 2SC
Barley	Leaf Rust ( <i>Puccinia hordei</i> )		
Oats	Barley Stripe ( <i>Drechslera graminea</i> = <i>Pyrenophora graminea</i> )	9.0-12.0 (0.15-0.20)	
Rye	Net Blotch ( <i>Pyrenophora teres</i> )		
	Powdery Mildew ( <i>Erysiphe graminis f. sp. Hordei</i> )	12.0 (0.20)	
	Stagonospora Blotch ( <i>Stagonospora nodorum</i> )		

			or other Group 11 fungicide per season.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply after Feekes 10.54.</li> <li>2) Do not apply more than 0.40 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 7 days of grazing or harvest (7-day PHI) for forage and hay.</li> </ol>			
Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Berries</b> <b>Bushberry</b> <b>Subgroup 13-07B</b>  Aronia Berry Blueberry, Highbush Blueberry, Lowbush Buffalo Currant Chilean Guava Cranberry, Highbush Currant, Black Currant, Red Elderberry European Barberry Gooseberry Honeysuckle, Edible Huckleberry Jostaberry Juneberry (Saskatoon Berry) Lingonberry Native Currant Salal Sea Buckthorn  Including all cultivars and/or hybrids of these.	Alternaria Fruit Rot ( <i>Alternaria</i> spp.) Anthracnose Fruit Rot ( <i>Colletotrichum</i> <i>gloeosporioides</i> ) Botryosphaeria Canker ( <i>Botryosphaeria</i> spp.) Mummyberry ( <i>Monilinia</i> <i>vaccinii-corymbosi</i> ) Phomopsis Stem Canker ( <i>Phomopsis vaccinii</i> ) Powdery Mildew ( <i>Sphaerotheca</i> spp.) Septoria Blight ( <i>Septoria</i> spp.)	6.0-15.5 (0.10-0.25)	Willowood Azoxy 2SC applications should begin prior to disease development and continue throughout the season on a 7- to 14-day schedule, following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than two sequential applications of Willowood Azoxy 2SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 46 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 0.75 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Willowood Azoxy 2SC may be applied the day of harvest (0-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Berries,</b> <b>Caneberry Subgroup</b> <b>13-07A</b>  Blackberry Bingleberry	Anthracnose ( <i>Spaceloma necator</i> ) ( <i>Elsinoe veneta</i> ) Botryosphaeria Canker ( <i>Botryosphaeria</i> <i>dothidea</i> )	6.0-15.5 (0.10-0.25)	Begin applications at onset of disease and continue until harvest. Make applications on a 7- to 14-day schedule. Use a minimum water volume of 10 gallons per acre by ground and a minimum of 3 gallons

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Boysenberry Dewberry Lowberry Marionberry Olallieberry Youngberry Loganberry Red and Black Raspberry Wild Raspberry  Including all cultivars and/or hybrids of these	Colletotrichum Rot ( <i>Colletotrichum gloeosporioides</i> ) Leaf Spot ( <i>Septoria rubi</i> ) ( <i>Sphaerullna rubi</i> ) Powdery Mildew ( <i>Sphaerotheca macularis</i> ) Rosette or Double Blossom of Blackberries ( <i>Cercospora rubi</i> ) Spur Blight ( <i>Didymella applanata</i> )		by air.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	Blackberry Rust ( <i>Phragmidium spp.</i> )	10-15.5 (0.16-0.25)	

**Specific Use Restrictions:**

- 1) Do not apply more than 92.3 fl. oz. of product/A/season.
- 2) Do not apply more than 1.5 lb. a.i./A/season of azoxystrobin-containing products.
- 3) Willowood Azoxystrobin 2SC may be applied the day of harvest (0-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Berry, Low Growing Subgroup 13-07G</b> (except Cranberry)  Strawberry  See additional crops below.	Anthracnose ( <i>Colletotrichum fragariae</i> ) Leather Rot ( <i>Phytophthora cactorum</i> ) Powdery Mildew ( <i>Sphaerotheca macularis</i> )  Suppression of Botrytis on the Foliage ( <i>Botrytis cinerea</i> )	6.0-15.5 (0.10-0.25)	Willowood Azoxy 2SC applications should begin prior to disease development and continue throughout the season on a 7- to 10-day schedule, following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  For leather rot control apply 2 applications on a 7-day schedule from late bloom through harvest.  <b>For dip applications at transplanting for commercial berry production:</b> For suppression of root and crown rot caused by <i>Colletotrichum</i> spp. mix 5-8 fl. oz. of Willowood Azoxy 2SC per 100 gallons of water. Dip plants for 2-5 minutes. Plant treated plants as quickly as possible. It is recommended that transplants be washed to remove excess soil prior

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
			to dipping. For continued anthracnose control, follow with foliar applications beginning 2-3 weeks after transplant.  Do not apply more than two sequential applications of Willowood Azoxy 2SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	<b>Soilborne Diseases</b> Seedling Root Rot, Basal Stem Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.
<b>Additional Low Growing Berries:</b> Bearberry, Bilberry, Cloudberry, Muntries, Partridgeberry including all cultivars and/or hybrids of these.			
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 61.5 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.0 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not use in plant propagation nurseries.</li> <li>4) Willowood Azoxy 2SC may be applied the day of harvest (0-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Brassica Head and Stem Subgroup</b>  Broccoli Chinese Broccoli (gai lon) Brussels Sprouts Cabbage Chinese Cabbage (napa) Chinese Mustard Cabbage (gai choy) Cauliflower Cavalo Broccolo Kohlrabi  Including all cultivars and/or hybrids of these	Alternaria Leaf Spot ( <i>Alternaria</i> spp.) Downy Mildew ( <i>Peronospora parasitica</i> ) Pin Rot ( <i>Alternaria</i> spp.)	6.0-15.5 (0.10-0.25)	Willowood Azoxy 2SC applications should begin prior to disease development and continue throughout the season on a 7- to 14-day schedule, following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates. Use a minimum of 10 gallons of water per acre by ground, and minimum of 3 gallons per acre by air.  Do not apply more than two applications of Willowood Azoxy 2SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 92.3 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.5 lb. a.i./A/season azoxystrobin-containing products.</li> <li>3) Willowood Azoxy 2SC may be applied the day of harvest (0-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Brassica Leafy Greens Subgroup</b>  Broccoli Raab Cabbage, Chinese Collards Kale Mizuna Mustard Greens Mustard Spinach Rape Greens  Including all cultivars and/or hybrids of these	Black Spot ( <i>Alternaria</i> spp.) Cercospora Leaf Spot ( <i>Cercospora</i> spp.) White Rust ( <i>Albugo candida</i> )	6.0-15.5 (0.10-0.25)	Willowood Azoxy 2SC applications should begin prior to disease development and continue throughout the season on a 7- to 14-day schedule, following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than one application of Willowood Azoxy 2SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	<b>Soilborne Diseases</b> Seedling Root Rot, Basal Stem Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.
<b>Specific Use Restrictions:</b> 1) Do not apply more than 46 fl. oz. of product/A/season. 2) Do not apply more than 0.75 lb. a.i./A/season of azoxystrobin-containing products. 3) Willowood Azoxy 2SC may be applied the day of harvest (0-day PHI).			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Bulb Vegetables Crop Group 3-07</b>  Garlic Leek Onion, bulb Daylily, bulb Fritillaria, bulb Garlic, bulb Garlic, great-headed, bulb Garlic, serpent, bulb Lily, bulb Onion, bulb Onion, Chinese, bulb Onion, pearl Onion, potato, bulb Shallot, bulb Onion, green	<b>Foliar Diseases</b> Cladosporium Leaf Blotch ( <i>Cladosporium allii</i> ) Purple Blotch ( <i>Alternaria porri</i> ) Rust ( <i>Puccinia allii</i> )	6.0-12.0 (0.10-0.20)	For downy mildew, make preventative applications on a 5- to 7-day schedule.  For all other diseases, Willowood Azoxy 2SC applications should begin prior to disease development and continue throughout the season every 7-14 days following the resistance management guidelines. Applications may be made by ground, air or chemigation. If applications are made by air, the higher rates should be used for adequate control. An adjuvant may be added at specified rates.
	Botrytis Leaf Blight ( <i>Botrytis aclada</i> ) Downy Mildew ( <i>Peronospora destructor</i> )	9.0-15.5 (0.15-0.25)	Do not apply more than one application of Willowood Azoxy 2SC or other Group 11 fungicides before alternation with a fungicide that is not

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Chive, fresh leaves Chive, Chinese, fresh leaves Elegans, hosta Fritillaria, leaves Kurrat Lady's leek Leek Leek, wild Onion, Beltsville bunching Onion, fresh Onion, green Onion, macrostem Onion, tree, tops Onion, Welsh, tops Shallot, fresh leaves  Including all cultivars and/or hybrids of these			in Group 11.  Mixtures of Willowood Azoxy 2SC with insecticides and silicone adjuvants must be tested for crop safety before application to the crop.
	<b>Soilborne Diseases</b> Rhizoctonia Damping- Off ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions under the <b>SOILBORNE/SEEDLING DISEASE            CONTROL</b> section. If the application is an in-furrow application, the spray should be made just prior to seed placement so that the majority of the chemical is under the seed. This will reduce the potential for phytotoxicity, especially if fertilizer is added to the application.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 92.3 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.5 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Willowood Azoxy 2SC may be applied the day of harvest (0-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Canola</b> (see Oilseed Crops for additional information)	Alternaria Blackspot ( <i>Alternaria</i> spp.) Blackleg ( <i>Leptosphaeria            maculans</i> ) Sclerotinia Stem Rot ( <i>Sclerotinia            sclerotiorum</i> )	6.0-15.5 (0.10-0.25)	In general, apply 7.0 fl. oz. of Willowood Azoxy 2SC at early bud followed by 14.0 fl. oz. at about 45 days before harvest. A third application of 7.0 fl. oz. may be made 30 days before harvest.  Specifically for blackleg, Willowood Azoxy 2SC applications should be



Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Carrots	Early Blight ( <i>Cercospora carotae</i> ) Late Blight ( <i>Alternaria dauci</i> ) White Mold ( <i>Sclerotium rolfsii</i> )  For additional diseases, see Vegetables, Root, Subgroup.	9.0-20.0 (0.15-0.33)	Willowood Azoxy 2SC applications should begin prior to disease development and continue throughout the season every 7-14 days following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than one application of Willowood Azoxy 2SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	<b>Soilborne Diseases</b> Rhizoctonia Root Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 123 fl. oz. product/A/season.</li> <li>2) Do not apply more than 2.0 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Willowood Azoxy 2SC may be applied the day of harvest (0-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Celery	Early Blight ( <i>Cercospora apii</i> ) Late Blight ( <i>Septoria apicola</i> )  For additional diseases, see Leafy Vegetables.	9.0-15.5 (0.15-0.25)	Willowood Azoxy 2SC applications should begin prior to disease development and continue throughout the season every 7-14 days following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than one application of Willowood Azoxy 2SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	<b>Soilborne Diseases</b> Rhizoctonia Root Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.



**Specific Use Restrictions:**

- 1) Do not apply more than 92.3 fl. oz. of product/A/season.
- 2) Do not apply more than 1.5 lb. a.i./A/season of azoxystrobin-containing products.
- 3) Willowood Azoxy 2SC may be applied the day of harvest (0-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Christmas Trees</b>	Diplodia Tip Blight ( <i>Diplodia pinea</i> ) Lophodermium Needlecast ( <i>Lophodermium pinastri</i> ) Swiss Needlecast ( <i>Phaeocryptopus gaumannii</i> )	6.0-15.5 (0.10-0.25)	Willowood Azoxy 2SC applications should begin prior to disease development and continue throughout the season at 7- to 21-day intervals following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than two sequential applications of Willowood Azoxy 2SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.

**Specific Use Restrictions:**

- 1) Do not apply more than 123 fl. oz. product/A/season.
- 2) Do not apply more than 2.0 lb. a.i./A/season of azoxystrobin-containing products.

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Citrus Fruit Crop Group 10-10</b>  Calamondin Citron Grapefruit Kumquat Lemon Lime Mandarin Orange (sour and sweet) Pummelo Satsuma Mandarin Tangerine  Including all cultivars and/or hybrids of these.	Albinism ( <i>Alternaria alternata</i> pv <i>citri</i> ) Alternaria Leaf and Fruit Spot ( <i>Alternaria citri</i> ) Cercospora Leaf Spot ( <i>Cercospora</i> spp.) Diplodia Stem-End Rot ( <i>Diplodia natalensis</i> ) Greasy Spot ( <i>Mycosphaerella citri</i> ) Melanose ( <i>Diaporthe citri</i> ) Penicillium Decays Green Mold, Whisker Mold, Suppression of Blue Mold ( <i>Penicillium</i> spp.) Phomopsis Stem-End Rot ( <i>Phomopsis citrii</i> )	12.0-15.5 (0.20-0.25)	Willowood Azoxy 2SC applications should begin prior to disease development and continue throughout the season on 7- to 21-day intervals following the resistance management guidelines. Under conditions that favor severe disease epidemics, the higher application rates should be used. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates. A horticultural spray oil should be used to improve control of greasy spot.  Do not apply more than two sequential applications of Willowood Azoxy 2SC or other Group 11 fungicides before alternation with a

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
See complete list of citrus fruit crops below.	Post Bloom Fruit Drop (PFD) ( <i>Colletotrichum acutatum</i> ) Powdery Mildew ( <i>Erysiphe</i> spp.) Scab ( <i>Elsinoe fawcettii</i> ) Sweet Orange Scab ( <i>Elsinoe australis</i> )		fungicide that is not in Group 11. Do not make more than four (4) applications of Willowood Azoxy 2SC or other Group 11 fungicide per season.
	Black Spot ( <i>Guidnardia citricarpa</i> )	9.0-15.5 (0.15-0.25)	
Pummelo Citrus Hybrid (Uniq fruit only)	<b>Soilborne Diseases</b> Seedling Root Rot, Basal Stem Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.
<b>Complete List of Citrus Fruit Crops:</b> Australian Desert Lime ( <i>Eremocitrus glauca</i> ); Australian Finger Lime ( <i>Microcitrus australasica</i> ); Australian Round Lime ( <i>Microcitrus australis</i> ); Brown River Finger Lime ( <i>Microcitrus papuana</i> ); Calamondin ( <i>Citrofortunella microcarpa</i> ); Citron ( <i>Citrus medica</i> ); Citrus Hybrids, <i>Citrus</i> spp., <i>Eremocitrus</i> spp., <i>Fortunella</i> spp., <i>Microcitrus</i> spp., and <i>Poncirus</i> spp.; Grapefruit ( <i>Citrus paradise</i> ); Japanese Summer Grapefruit ( <i>Citrus natsudaidai</i> ); Kumquat ( <i>Fortunella</i> spp.); Lemon ( <i>Citrus limon</i> ); Lime ( <i>Citrus aurantiifolia</i> ); Mediterranean Mandarin ( <i>Citrus deliciosa</i> ); Mount White Lime ( <i>Microcitrus garrowayae</i> ); New Guinea Wild Lime ( <i>Microcitrus warburgiana</i> ); Orange, Sour ( <i>Citrus aurantium</i> ); Orange, Sweet ( <i>Citrus sinensis</i> ); Pummelo ( <i>Citrus maxima</i> ); Russell River Lime ( <i>Microcitrus inodora</i> ); Satsuma Mandarin ( <i>Citrus unshiu</i> ); Sweet Lime ( <i>Citrus limetta</i> ); Tachibana Orange ( <i>Citrus tachibana</i> ); Tahiti Lime ( <i>Citrus latifolia</i> ); Tangelo ( <i>Citrus x tangelo</i> ); Tangerine (Mandarin) ( <i>Citrus reticulata</i> ); Tangor ( <i>Citrus nobilis</i> ); Trifoliate Orange ( <i>Poncirus trifoliata</i> ); Uniq Fruit ( <i>Citrus aurantium</i> Tangelo group); cultivars, varieties and/or hybrids of these.			
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 92.3 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.5 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not use Willowood Azoxy 2SC in citrus plant propagation nurseries.</li> <li>4) Willowood Azoxy 2SC may be applied the day of harvest (0-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Clover (and stands containing Clover)</b> (See Nongrass Animal Feeds Forage, Fodder, Straw and Hay)			

<b>Corn</b>  Field Pop Sweet (Includes Seed Production)	Rust ( <i>Puccinia sorghi</i> )	6.0-9.0 (0.10-0.15)	For gray leaf spot, apply Willowood Azoxy 2SC at the onset of disease. A second application may be required 14 days later if disease pressure persists.
	Anthracnose Leaf Blight ( <i>Colletotrichum graminicola</i> ) Eye Spot ( <i>Aureobasidium zeae</i> ) Gray Leaf Spot ( <i>Cercospora sorghi</i> ) Northern Corn Leaf Blight ( <i>Setosphaeria turcica</i> ) North Corn Leaf Spot ( <i>Cochliobolus carbonum</i> ) Southern Corn Leaf Blight ( <i>Cochliobolus heterostrophus</i> )	6.0-15.5 (0.10-0.25)	For all other diseases, Willowood Azoxy 2SC applications should begin prior to disease development and may continue throughout the season every 7-14 days following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than two sequential applications of Willowood Azoxy 2SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11. For field corn and field corn grown for seed, do not make more than two (2) applications per season.
	Early Application (V4-V8)	6.0 (0.10)	Apply Willowood Azoxy 2SC early (V4-V8) for early season disease control and beneficial physiological benefits. If mixing with herbicides, other than solo glyphosate products, Callisto®, Callisto® Xtra, or Halex® GT, consult your local Willowood, LLC representative.
	<b>Soilborne Diseases</b> Rhizoctonia Root and Stalk Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.
<b>Specific Use Restrictions:</b> 1) Do not apply more than 123 fl. oz. of product/A/season. 2) Do not apply more than 2.0 lb. a.i./A/season of azoxystrobin-containing products. 3) Do not apply within 7 days of harvest (7-day PHI).			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Cotton	Anthracnose ( <i>Glomerella gossypii</i> ) Ascochyta Blight ( <i>A. gossypii</i> ) Boll Rot ( <i>A. gossypii</i> ) Cotton Rust ( <i>Puccinia schedonardii</i> ) Hardlock ( <i>Fusarium</i>	6.0-9.0 (0.1-0.15)	For optimum disease control, Willowood Azoxy 2SC applications should begin prior to or in the early stages of disease development. Applications may be made by ground, air, or chemigation. An adjuvant may be added at specified rates. Minimum application volumes

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
	<i>verticillioides</i> ) Southwestern Cotton Rust ( <i>Puccinia cacaobata</i> )		<p>for air and ground are 5 and 10 gallons per acre, respectively.</p> <p>The first Willowood Azoxy 2SC application should be targeted approximately at pinhead square to first bloom to protect the plant from diseases. Subsequent application(s) are specified on a 14- 21-day schedule. An additional application may be made depending on environmental conditions and the health of the cotton plant.</p> <p>Under poor environmental conditions conducive to seedling disease and poor cotton growth, Willowood Azoxy 2SC may be applied to early season cotton to suppress damping off and other diseases which result in plant stand loss.</p> <p>Do not apply more than two foliar applications of Willowood Azoxy 2SC or other Group 11 fungicides before alternating with a fungicide that has a different mode of action. Do not make more than three (3) foliar applications of Willowood Azoxy 2SC or other Group 11 fungicides per crop per acre per year.</p>
	Pythium Seedling Blight ( <i>Pythium aphanidermatum</i> ) Rhizoctonia Seedling Blight ( <i>Rhizoctonia solani</i> )	<b>In-Furrow</b> 0.40-0.80 fl. oz. product per 1000 row feet (0.10-0.20 oz. a.i. per 1000 row feet)	<p><b>Willowood Azoxy 2SC Application Directions:</b> Apply Willowood Azoxy 2SC as an in-furrow spray in 3-7 gallons of water at planting. Mount the spray nozzle so the spray is directed into the furrow just before the seed are covered. Use the higher rate when the weather conditions are expected to be conducive for disease development, if the field has a history of Pythium problems, or if minimum/low till programs are in place.</p> <p>See the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section for table illustrating total fluid ounces per acre with various row spacings.</p>
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 27 fl. oz. of product/crop/season as a foliar spray.</li> <li>2) Willowood Azoxy 2SC may be applied up to 45 days before harvest (45-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Cranberry Subgroup 13-07H (except Strawberry)</b>  Bearberry Bilberry Blueberry, Lowbush Cloudberry Lingonberry Muntries Partridgeberry  Including all cultivars and/or hybrids of these	Cottonball ( <i>Monilinia oxycocci</i> ) Fruit Rots ( <i>Physalospora vaccinii</i> ) ( <i>Glomerella cingulata</i> ) ( <i>Coleophoma empetri</i> ) Lophodermium Twig Blight ( <i>Lophodermium spp.</i> )	6.0-15.5 (0.10-0.25)	Begin applications at 5-10% bloom for fruit rot, cottonball, and twig blight. Continue applications on a 7- to 14-day schedule if conditions are favorable for disease development. Applications may be made by ground, chemigation or air.  Do not apply more than two sequential applications of Willowood Azoxy 2SC or other Group 11 fungicides before alternations with a fungicide that is not in Group 11.
	Fairy Ring (suppression) ( <i>Psilocybe</i> spp.)	15.5 (0.25)	Make the first application at bud break. Measure the ring diameter and add 10 feet to that diameter. Apply Willowood Azoxy 2SC at a rate equivalent to 15.5 fl. oz./A in 30-100 gallons of water to the affected area. Irrigation (1-2 hours) following application is advisable to ensure penetration to the base of the plant. If necessary make another application 2-4 weeks later. For ground application ensure adequate water volume for thorough canopy penetration.

**Specific Use Restrictions:**

- 1) Do not apply more than 92.3 fl. oz. of product/A/season.
- 2) Do not apply more than 1.5 lbs. a.i./A/season of azoxystrobin-containing products.
- 3) Do not treat cranberry fields used for aquaculture of fish and crustacea.
- 4) Do not apply when weather conditions favor drift from treated areas to non-target aquatic habitat. Applicators should use care in making applications near non-target aquatic habitats.
- 5) Do not apply to flooded crop.
- 6) Do not allow release of irrigation or flood water to non-target aquatic habitat for at least 14 days after the last application.
- 7) Do not apply within 3 days of harvest (3-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Cucurbits</b>  Cantaloupe Chayote Chinese-Waxgourd Cucumber Gourds Honeydew Melons	Anthracnose ( <i>Colletotrichum lagenarium</i> ) Belly Rot ( <i>Rhizoctonia solani</i> ) Downy Mildew ( <i>Pseudoperonospora cubensis</i> ) Gummy Stem Blight	6.0-15.5 (0.10-0.25)	For both downy and powdery mildew, make preventative applications on a 5- to 7-day schedule. For belly rot control, the first application should be made at the 1-3 leaf crop stage with a second application just prior to vine tip over or 10-14 days later whichever occurs first. For all other diseases,

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Momordica spp.</b> (bitter melon, balsam apple) Muskmelon Watermelon Pumpkin Squash Zucchini  Including cultivars and/or hybrids of these.	<b>(<i>Didymella bryoniae</i>)</b> Leaf Spots ( <i>Alternaria</i> spp., <i>Cercospora</i> spp.) Myrothecium Canker ( <i>Myrothecium roridum</i> ) Plectosporium Blight ( <i>Plectosporium tabacinum</i> ) Powdery Mildew ( <i>Sphaerotheca fuliginea</i> , <i>Erysiphe cichoracearum</i> ) Ulocladium Leaf Spot ( <i>Ulocladium cucurbitae</i> )		Willowood Azoxy 2SC applications should begin prior to disease development and continue throughout the season every 7-14 days following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not tank mix Willowood Azoxy 2SC with crop oil concentrates (COC), methylated spray oil (MSO) or silicon adjuvants.  Do not tank mix Willowood Azoxy 2SC with Malathion, Kelthane®, Thiodan®, Phaser®, Lannate®, Lorsban®, M-Pede® or Botran®.  Do not apply more than one application of Willowood Azoxy 2SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11. Do not make more than four (4) foliar applications of Willowood Azoxy 2SC or other Group 11 fungicides per crop per acre per year.
	<b>Soilborne Diseases</b> Rhizoctonia Root Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 92.3 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.5 lbs. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 1 day of harvest (1-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Fruiting Vegetables</b> <b>Crop Group 8-10</b>  <b>Pepper</b> Bell Pepper Non-Bell Pepper Sweet Non-Bell	Anthracnose ( <i>Colletotrichum</i> spp.) Powdery Mildew ( <i>Sphaerotheca</i> spp.)	6.0-15.5 (0.10-0.25)	Willowood Azoxy 2SC applications should begin prior to disease development and continue throughout the season on a 7- to 14-day schedule, following the resistance management guidelines. Applications may be made by

Pepper  Eggplant Okra Pepino  Including all cultivars and/or hybrids of these.  <b>See specific directions for use for Tomatoes.</b>  See complete list of fruiting vegetables below.			ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than one application of Willowood Azoxy 2SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	<b>Soilborne Diseases</b> Rhizoctonia Seedling Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.
<b>Complete List of Fruiting Vegetables:</b> African Eggplant; Bell Pepper; Eggplant; Martynia; Nonbell Pepper; Okra; Pea Eggplant; Pepino; Roselle; Scarlet Eggplant; cultivars, varieties; and/or hybrids of these.			
<b>Specific Use Restrictions:</b> 1) Do not apply more than 61.5 fl. oz. of product/A/season. 2) Do not apply more than 1.0 lb. a.i./A/season of azoxystrobin-containing products. 3) Willowood Azoxy 2SC may be applied the day of harvest (0-day PHI).			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Grapes and Other Small Fruit Vine Climbing Subgroup 13-07F (except fuzzy kiwifruit)</b>  Amur River Grape Kiwifruit, Hardy Maypop Muscadines Schisandra Berry  Including all cultivars and/or hybrids of these.	Black Rot ( <i>Guignardia bidwellii</i> ) Downy Mildew ( <i>Plasmopara viticola</i> ) Phomopsis Cane and Leaf Spot ( <i>Phomopsis viticola</i> ) Powdery Mildew ( <i>Uncinula necator</i> )  <b>Suppression Only:</b> Botrytis Bunch Rot ( <i>Botrytis cinerea</i> )	10.0-15.5 (0.16-0.25)	Willowood Azoxy 2SC applications should begin prior to disease development and continue throughout the season every 10-14 days following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than two sequential foliar applications of Willowood Azoxy 2SC or other Group 11 fungicides before alternating with a fungicide that is not in Group 11.  <b>ATTENTION</b>  Willowood Azoxy 2SC is extremely phytotoxic to certain apple varieties.  AVOID SPRAY DRIFT. Extreme care must be used to prevent injury to apple trees (and apple fruit).  DO NOT spray Willowood Azoxy

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
			<p>2SC where spray drift may reach apple trees.</p> <p>DO NOT use spray equipment which has been previously used to apply Willowood Azoxy 2SC to spray apple trees. Even trace amounts can cause unacceptable phytotoxicity to certain apple and crabapple varieties.</p> <p>AVOIDING SPRAY DRIFT IS THE RESPONSIBILITY OF THE APPLICATOR.</p>
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 92.3 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.5 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 14 days of harvest (14-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Grasses (grown for seed)	Ergot Stem Diseases Powdery Mildew ( <i>Erysiphe graminis</i> ) Rust ( <i>Puccinia</i> spp.)	6.0-15.5 (0.10-0.25)	<p>Willowood Azoxy 2SC applications should begin prior to disease development and continue throughout the season on a 10- to 14-day schedule, following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.</p> <p>Do not apply more than two sequential applications of Willowood Azoxy 2SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.</p>
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 49 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 0.8 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not feed treated straw, seed or screenings to livestock.</li> <li>4) Willowood Azoxy 2SC may be applied up to 8 days prior to harvest (swathing)/(8-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Herbs & Spices (except black)	Corynespora Blight ( <i>Corynespora cassicola</i> )	6.0-15.5 (0.10-0.25)	Willowood Azoxy 2SC applications should begin at the onset of disease



Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<p><b>pepper)</b> <b>Crop Group 19</b></p> <p>Allspice; Angelica; Anise (seed); Anise, star; Annatto; Balm; Basil; Borage; Burnet; Camomile; Caper (buds); Caraway; Caraway, black; Cardamon; Cassia (buds); Catnip; Celery Seed; Chervil (dried); Chive; Chive, Chinese; Cinnamon; Clary; Clove (buds); Coriander (cilantro) or Chinese parsley)(leaf); Coriander (seed); Costmary; Culantro (leaf and seed); Cumin, Curry (leaf); Dill (seed); Dillweed; Fennel, Common; Fennel, Florence (seed); Fenugreek; Grains of Paradise; Horehound; Hyssop; Juniper (berry); Lavender; Lemongrass; Lovage (leaf and seed); Mace; Marigold; Marjoram; Mustard (seed); Nasturtium; Nutmeg; Parsley (dried); Pennyroyal; Pepper, White; Poppy Seed; Rosemary; Rue; Saffron; Sage; Savory, Summer and Winter Sweet Bay; Tansy; Tarragon; Thyme; Vanilla; Wintergreen; Woodruff; Wormwood</p>	<p>Dill Blight (<i>Cercosporidium punctum</i>) Phoma Blight (<i>Passalora puncta</i>)</p>		<p>development and continue throughout the season on a 7-day schedule, following the resistance management guidelines. Applications may be made by ground only. An adjuvant may be added at specified rates. Use a minimum of 30 gallons of water per acre.</p> <p>Do not apply more than two sequential applications of Willowood Azoxy 2SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.</p>
Wasabi	Fusarium Rhizome and Root Rot ( <i>Pythium</i> spp.)	6.2-15.4 (0.10-0.25)	<p>Willowood Azoxy 2SC applications should begin at the onset of disease development and continue throughout the season on a 7-day schedule, following the resistance management guidelines. Applications may be made by ground</p>

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
			<p>or through the irrigation system (chemigation). An adjuvant may be added at specified rates. Use a minimum of 30 gallons of water per acre.</p> <p>Do not apply more than two sequential applications of Willowood Azoxy 2SC or other Group 11 fungicides before alternation with fungicide that is not in Group 11.</p>
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 92.3 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.5 lbs. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Willowood Azoxy 2SC may be applied the day of harvest (0-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Leafy Vegetables (except brassica)</b>  Amaranth Arugula Cardoon Celery Celtuce Chervil Chrysanthemum, Edible Corn Salad Cress Dandelion Dock Endive Fennel Lettuce, Head and Leaf Orach Parsley Purslane Radicchio Rhubarb Spinach Swiss Chard  Including cultivars and/or hybrids of these	<b>Foliar Diseases</b> Alternaria Leaf Spot ( <i>Alternaria sonchi</i> , <i>A.</i> spp.) Anthracnose ( <i>Microdochium</i> <i>panattonianum</i> , <i>Colletotrichum</i> <i>dematium</i> ) Cercospora Leaf Spot ( <i>Cercospora</i> spp.) Septoria Leaf Spot ( <i>Septoria petroselini</i> ) White Rust ( <i>Albugo</i> <i>occidentalis</i> )	6.0-15.5 (0.10-0.25)	<p>For both downy and powdery mildew, make preventative applications on a 5- to 7-day schedule.</p> <p>For all other diseases, Willowood Azoxy 2SC applications should begin prior to disease development and continue throughout the season every 7-14 days following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.</p>
	Downy Mildew ( <i>Bremia lactucae</i> ) Powdery Mildew ( <i>Erysiphe cichoracearum</i> )	12.0-15.5 (0.20-0.25)	<p>Do not apply more than one application of Willowood Azoxy 2SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.</p> <p><b>ATTENTION:</b> Applications of Willowood Azoxy 2SC to leafy vegetable foliage have contributed to phytotoxicity under certain circumstances. Proceed with caution with regard to tank mixes and adjuvants when treating all leafy vegetables with Willowood Azoxy 2SC. Willowood Azoxy 2SC must not be tank mixed on leaf lettuce with</p>

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
			Ambush® WP, Pounce® WP, Aliette®, Warrior with Zeon Technology®, or another product that may increase the penetration of Willowood Azoxy 2SC into the leaf surface, such as, but not limited to silicone wetters.
	<b>Soilborne Diseases</b> Webb Blight, Bottom Rot, Crater Rot, Root Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 92.3 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.5 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Willowood Azoxy 2SC may be applied the day of harvest (0-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Legume Vegetables, Dry and Succulent and Legume Vegetables, Foliage of any Cultivar of Bean (<i>Phaseolus</i> spp.) and Field Pea (<i>Pisum</i> spp.)</b>  Bean ( <i>Lupinus</i> spp.) (includes grain lupin, sweet lupin, white lupin, and white sweet lupin) Bean ( <i>Phaseolus</i> spp.) (includes field bean, kidney bean, lima bean, navy bean, pinto bean, runner bean, snap bean, tepary bean, wax bean) Bean ( <i>Vigna</i> spp.) (includes adzuki	Bean Rust ( <i>Uromyces appendiculatus</i> )	6.0 (0.10)	Willowood Azoxy 2SC applications should begin prior to disease development and continue throughout the season every 7-14 days following the resistance management guidelines. Use the higher rates under severe disease pressure. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates. For rust, use of a non-ionic surfactant is recommended.  Do not apply more than two sequential applications of Willowood Azoxy 2SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	Alternaria Blight ( <i>Alternaria</i> spp.) Alternaria Leaf Spot ( <i>Alternaria alternata</i> ) Anthracnose ( <i>Colletotrichum lindemuthianum</i> ) Ascochyta Blight ( <i>Mycosphaerella pinodes</i> ) Ascochyta Leaf and Pod Spot ( <i>Ascochyta</i> spp.) Ascochyta Leaf Spot ( <i>Ascochyta phaseolorum</i> ) Rust ( <i>Phakopsora</i> spp.) Southern Blight ( <i>Sclerotium rolfsii</i> ) Web Blight ( <i>Rhizoctonia solani</i> )	6.0-15.5 (0.10-0.25)	

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
bean, asparagus bean, blackeyed pea, cowpea, catjang, Chinese longbean, crowder pea, moth bean, mung bean, rice bean, southern pea, urd bean, yardlong bean) Bean ( <i>Glycine max</i> ) Soybean, Immature Seed (edamame) Broad bean (fava bean) ( <i>Vicia faba</i> ) Chickpea (garbanzo bean)( <i>Cicer arietinum</i> ) Guar ( <i>Cyamopsis tetragonoloba</i> ) Jackbean ( <i>Canavalia ensiformis</i> ) Lablab Bean (hyacinth bean)( <i>Lablab purpureus</i> ) Lentil ( <i>Lens esculenta</i> ) Pea ( <i>Pisum spp.</i> ) (Includes dwarf pea, edible-pod pea, English pea, garden pea, green pea, field pea, snow pea, sugar snap pea) Pigeon Pea ( <i>Cajanus cajan</i> ) Sword Bean ( <i>Canavalia gladiata</i> )	<b>Soilborne Disease</b> Rhizoctonia Root Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.  Willowood Azoxy 2SC can be applied to the furrow and covering soil at planting in a 7-inch band. Avoid a concentrated stream directly on the seed or delayed emergence may occur.  If using a narrow spray as an in-furrow spray, adjust the spray stream to hit the soil next to the seed but not hit the seed. <b>NOTE:</b> Conduct a seed safety test with your crop before making in-furrow applications.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 92.3 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.5 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 14 days of harvest (14-day PHI) of dry legume vegetables (dry bean and dry pea seeds).</li> <li>4) Willowood Azoxy 2SC may be applied the day of harvest (0-day PHI) for succulent beans and peas.</li> <li>5) For use on soybeans, please refer to the soybean crop directions for use.</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Mint</b> (Fresh or for processing into mint oil)	Powdery Mildew ( <i>Erysiphe</i> spp.) Rust ( <i>Puccinia menthae</i> )	6.0-15.5 (0.10-0.25)	Willowood Azoxy 2SC applications should begin prior to disease development and continue throughout the season on a 7- to 10-day schedule, following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than two sequential applications of Willowood Azoxy 2SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	<b>Soilborne Diseases</b> Seedling Root Rot, Basal Stem Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 46 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 0.75 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) For processed mint, do not apply within 7 days of harvest (7-day PHI).</li> <li>4) For fresh mint, Willowood Azoxy 2SC may be applied the day of harvest (0-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Nongrass Animal Feeds Forage, Fodder, Straw and Hay</b>  For pure/mixed stands of the following or stands mixed with grasses:  Alfalfa ( <i>Medicago sativa</i> subsp. <i>sativa</i> ) Bean, Velvet ( <i>Mucuna pruriens</i> var. <i>utilis</i> ) Clover ( <i>Trifolium</i> spp., <i>Melilotus</i> spp.) Kudzu ( <i>Pueraria lobata</i> ) Lespedeza ( <i>Lespedeza</i> spp.)	Alternaria Leaf Spot ( <i>Alternaria</i> spp.) Cercospora Leaf Spot ( <i>Cercospora</i> spp.) Powdery Mildew ( <i>Oidium</i> spp., <i>Erysiphe</i> spp.)  Rust ( <i>Phakopsora</i> spp.)	6.0-15.5 (0.10-0.25)	Willowood Azoxy 2SC applications should begin prior to disease development and continue throughout the season. Use the higher rates under severe disease pressure. Applications may be made by ground, air or chemigation. Use of an additive such as crop oil concentrate or non-ionic surfactant is recommended.  For management of outbreaks of Asian soybean rust and other <i>Puccinia</i> species on alternate host species such as kudzu, lespedeza, trefoil and vetch, apply Willowood Azoxy 2SC to forages grown in the vicinity of soybeans and other legume crops (beans and peas) as a part of an Asian rust disease management strategy. Consult with local experts and university

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Lupin ( <i>Lupinus</i> spp.) Sainfoin ( <i>Onobrychis viciifolia</i> ) Trefoil ( <i>Lotus</i> spp.) Vetch ( <i>Vicia</i> spp.) Vetch, Crown ( <i>Coronilla varia</i> ) Vetch, Milk ( <i>Astragalus</i> spp.)			extension agents for the latest advice.  Do not apply more than two sequential applications of Willowood Azoxy 2SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 0.25 lb. a.i./A per cutting.</li> <li>2) Do not apply more than 0.75 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 14 days of grazing or harvest (14-day PHI) for forage and hay.</li> <li>4) Not for use on rangeland.</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Oilseed Crops</b> <b>Crop Group 20</b>  Crambe Flax Mustard, Indian Mustard, Field Mustard, Black Rapeseed Rapeseed, Indian Safflower Sunflower  Including all cultivars and/or hybrids of these  See complete list of oilseed crops below.	Alternaria Leaf Spot ( <i>Alternaria</i> spp.) Downy Mildew ( <i>Plasmopora halstedii</i> , <i>Plasmopora helianthi</i> ) Pasmo ( <i>Septoria linicola garass</i> ) Sunflower Rust ( <i>Puccinia helianthi</i> )	6.0-15.5 (0.1-0.25)	Apply 6.0 fl. oz. of Willowood Azoxy 2SC at early bud followed by 14.0 fl. oz. at about 45 days before harvest. A third application of 7.0 fl. oz. may be made 30 days before harvest. Applications may be made by ground, air or chemigation. Use a minimum of 10 gallons of water per acre for ground applications.  Do not apply more than two sequential applications of Willowood Azoxy 2SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
<b>Complete List of Oilseed Crops:</b> Borage; Calendula; Castor Oil Plant; Chinese Tallowtree; Cottonseed; Crambe; Cuphea; Echium; Euphorbia; Evening Primrose; Flax Seed; Gold of Pleasure; Harb's Ear Mustard; Jojoba; Lesquerella; Lunaria; Meadowfoam; Milkweed; Mustard Seed; Niger Seed; Oil Radish; Poppy Seed; Rapeseed; Rose Hip; Safflower; Sesame; Stokes Aster; Sunflower; Sweet Rocket; Tallowwood; Tea Oil Plant; Vernonia; cultivars, varieties, and/or hybrids of these.			
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 27 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 0.45 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 30 days of harvest (30-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Peanuts	<b>Soilborne Diseases – early season (in-furrow application)</b> <i>Aspergillus</i> Crown Rot ( <i>Aspergillus niger</i> ) Pythium Damping Off ( <i>Pythium</i> spp.) Stem Rot/White Mold Suppression ( <i>Sclerotium rolfsii</i> )	0.40-0.80 fl. oz./1000 row feet	Apply Willowood Azoxy 2SC in-furrow at planting for control of various seed/seedling diseases including early season suppression of stem rot. See directions and rates under <b>PRODUCT INFORMATION</b> section.
	<b>Soilborne Diseases – mid-late season</b> Rhizoctonia Peg and Pod Rot ( <i>Rhizoctonia solani</i> ) Stem Rot/White Mold ( <i>Sclerotium rolfsii</i> )  <b>Suppression Only:</b> Cylindrocladium Black Rot ( <i>Cylindrocladium crotalariae</i> ) Pythium Pod Rot ( <i>Pythium myriotylum</i> )	12.0-24.5 (0.20-0.40)	Willowood Azoxy 2SC should be applied at approximately 60 and 90 days after planting as a foliar application. This application regime may be applied earlier in the season if environmental conditions favor disease development. These two applications of Willowood Azoxy 2SC will provide protection against the soil borne diseases and will also provide control of the foliar diseases listed for a 10- to 14-day period after each spray. Under heavy disease pressure and/or where there is a high rainfall and/or irrigation, use 18.5-24.5 fl. oz./A. For light disease pressure and dry environmental conditions (non-irrigated, low rainfall), use 12.0-24.5 fl. oz./A. For control of Pythium, a rate of 24.5 fl. oz./A is required. Additional applications of other fungicides on a leaf spot application schedule will be required to provide season-long disease control of the leaf spot diseases. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.
	<b>Foliar Diseases</b> Early Leaf Spot ( <i>Cercospora arachidicola</i> ) Late Leaf Spot ( <i>Cercosporidium personatum</i> ) Rust ( <i>Puccinia arachidis</i> ) Web Blotch ( <i>Phoma arachidicola</i> )	6.0-18.5 (0.10-0.30)	For foliar disease control only, a lower rate of Willowood Azoxy 2SC may be applied on a 10- to 14-day interval.  Do not apply more than two sequential applications of Willowood Azoxy 2SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
<b>Specific Use Restrictions:</b> 1) Do not apply more than 49 fl. oz. of product/A/season. 2) Do not apply more than 0.8 lb. a.i./A/season of azoxystrobin-containing products. 3) Do not apply within 14 days of harvest (14-day PHI).			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Pecans	Anthrachnose ( <i>Glomerella cingulata</i> ) Scab ( <i>Cladosporium caryigenum</i> )	6.0-12.0 (0.10-0.20)	Willowood Azoxy 2SC applications should begin prior to disease development and continue throughout the season on 7- to 21-day intervals following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than two sequential applications of Willowood Azoxy 2SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 73.8 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.2 lbs. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 45 days of harvest (45-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Pistachios	Alternaria Late Blight ( <i>Alternaria alternata</i> ) Botryosphaeria Panicle and Shoot Blight ( <i>Botryosphaeria dothidea</i> ) Septoria Leaf Spot ( <i>Septoria pistaciarum</i> )	6.0-15.5 (0.10-0.25)	Willowood Azoxy 2SC applications should begin prior to disease development and continue throughout the season on 7- to 21-day intervals following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than two sequential applications of Willowood Azoxy 2SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 92.3 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.5 lbs. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 7 days of harvest (7-day PHI).</li> </ol>			



Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Potatoes	Black Dot ( <i>Colletotrichum</i> <i>coccodes</i> ) Early Blight ( <i>Alternaria</i> <i>solani</i> ) Late Blight ( <i>Phytophthora infestans</i> ) Powdery Mildew ( <i>Erysiphe</i> <i>cichoracearum</i> )	6.0-20.0 (0.10-0.33)	<p><b>Early Blight</b> – For a 7-day application schedule, use Willowood Azoxy 2SC at 6.0 fl. oz. product/A. For a 14-day application schedule, use a 12.0 fl. oz. product/A rate.</p> <p><b>Late Blight</b> – Apply Willowood Azoxy 2SC at 12.0 fl. oz. product/A on a 7-day schedule. Initiate late blight applications in a preventative schedule prior to disease development according to local practices. If late blight symptoms develop or conditions favor disease, switch immediately to a non-Group 11 fungicide, using a 5-day schedule. Addition of a spreader/sticker may improve coverage.</p> <p>For all other diseases, Willowood Azoxy 2SC applications should begin prior to disease development and continue throughout the season every 7-14 days following the resistance management guidelines. Use the high rate and the shorter interval if disease epidemics are severe. Applications may be made by ground, air or chemigation.</p> <p>Do not apply more than one application of Willowood Azoxy 2SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.</p>
	<b>Soilborne Diseases</b> Black Dot ( <i>Colletotrichum</i> <i>coccodes</i> ) Black Scurf ( <i>Rhizoctonia</i> <i>solani</i> ) Silver Scurf ( <i>Helminthosporium</i> <i>solani</i> )	0.40-0.80 fl. oz./1000 row feet	<p>For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.</p>
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 123 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 2.0 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 14 days of harvest (14-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Rice	<b>Sheath/Stem Diseases</b>	6.0-18.5	<p>Willowood Azoxy 2SC should be applied prior to disease development. Applications may be made by ground, air or chemigation. For aerial application, volumes should be 5-10 GPA. An adjuvant may be added at specified rates.</p> <p>For sheath blight control, application rates may vary from 9.0 to 12.0 fl. oz./A depending on the growth stage of the rice and the severity of the disease. Consult with your local extension personnel or Willowood, LLC representative for information in sheath blight control.</p> <p>For other stem/sheath diseases including stem rot, black sheath rot, aggregate sheath spot and sheath spot, apply when disease is less than 4 inches above water line usually between panicle differentiation (PD) +5 days to PD +10 days or at initial sign of disease. Under heavy disease pressure and conditions favorable for disease development, a second application may be applied.</p> <p>For foliar and panicle diseases, apply Willowood Azoxy 2SC prior to disease development. Willowood Azoxy 2SC must be applied as a preventative treatment for blast control and applied prior to favorable conditions for blast development. For panicle blast, an application should be applied at mid-boot to boot-split but prior to full head emergence. A second application should be applied when panicles are approximately 60-90% emerged from the boot (7-14 days later).</p> <p>When Willowood Azoxy 2SC is being applied for panicle blast on continuous rice acreage (no rotation, to other crops), no more than two sequential foliar applications of Willowood Azoxy 2SC or other Group 11 fungicides should be made over multiple years before alternating with a fungicide with a different mode of action. Do not make more than</p>
	Sheath Blight ( <i>Rhizoctonia solani</i> )	(0.10-0.30)	
	Aggregate Sheath Spot ( <i>Ceratobasidium oryzae-sativae</i> = <i>Rhizoctonia oryzae-sativae</i> )	9.0-18.5	
	Black Sheath Rot ( <i>Gaeumannomyces graminis</i> var. <i>graminis</i> )	(0.15-0.30)	
	Sheath Spot ( <i>Rhizoctonia oryzae</i> )		
	Stem Rot ( <i>Magnaporthe salvinii</i> = <i>Sclerotium oryzae</i> = <i>Nakateae sigmoidea</i> )		
	<b>Foliar Diseases</b>		
	Brown Leaf Spot ( <i>Cochliobolus miyabeanus</i> )		
	Leaf Smut ( <i>Entyloma oryzae</i> )		
	Narrow Brown Leaf Spot ( <i>Cercospora janseana</i> = <i>Cercospora oryzae</i> )		
	<b>Panicle Diseases</b>		
	Kernel Smut ( <i>Tilletia barclayana</i> = <i>Neovossia barclayana</i> )		
	Panicle Blast ( <i>Pyricularia grisea</i> )		

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
			two foliar applications of Willowood Azoxy 2SC or other Group 11 fungicides per acre per season.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not treat rice fields used for aquaculture of fish and crustaceans.</li> <li>2) Do not apply when weather conditions favor drift from treated areas to non-target aquatic habitat. Applicators should use care in making applications near non-target aquatic habitats.</li> <li>3) Do not apply more than 0.70 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>4) Do not allow release of irrigation or flood water for at least 14 days after the last application.</li> <li>5) Do not apply within 28 days of harvest (28-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Sorghum	Anthracnose ( <i>Colletotrichum graminicola</i> ) Gray Leaf Spot ( <i>Cercospora sorghi</i> )	6.0-15.5 (0.10-0.25)	Willowood Azoxy 2SC applications should begin prior to disease development. Use the high rates under conditions favorable for severe disease pressure, dense plant canopies, or when susceptible varieties are planted. Contact extension personnel for local economic thresholds and timings for specific diseases in your area. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than two sequential applications of Willowood Azoxy 2SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	<b>Soilborne Diseases</b> Damping-Off ( <i>Rhizoctonia solani</i> , <i>Pythium</i> <i>aphanadermatum</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) For grain and stover, do not apply more than 0.75 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>2) For forage, do not apply more than 0.5 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 14 days of harvest (14-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Soybean Soybean, Immature Seed (edamame)	Aerial Blight ( <i>Rhizoctonia solani</i> ) Alternaria Leaf Spot ( <i>Alternaria</i> spp.) Anthracnose ( <i>Colletotrichum truncatum</i> ) Brown Spot ( <i>Septoria glycines</i> ) Cercospora Blight and Leaf Spot ( <i>Cercospora kikuchii</i> ) Frogeye Leaf Spot ( <i>Cercospora sojina</i> ) Pod and Stem Blight ( <i>Diaporthe phaseolorum</i> ) Rust ( <i>Phakopsora</i> spp.)	6.0-15.5 (0.10-0.25)	Willowood Azoxy 2SC applications should begin prior to disease development. Use the high rates under conditions favorable for severe disease pressure, dense plant canopies, or when susceptible varieties are planted. Contact Extension personnel for local economic thresholds and timings for specific diseases in your area. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates. Use of a crop oil concentrate or non-ionic surfactant with the lower use rate is recommended.  Soybean rust: Willowood Azoxy 2SC may be used at 4 fl. oz./A when tank mixed with a triazole registered for use on soybean rust.  Do not apply more than two sequential applications of Willowood Azoxy 2SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	<b>Soilborne Diseases</b> <i>Rhizoctonia solani</i> ( <i>Rhizoctonia solani</i> ) Southern Blight ( <i>Sclerotium rolfsii</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 92.3 fl. oz. of product/A/season.</li> <li>2) Do not make more than one application at 15.5 fl. oz. product/acre or 0.25 lb. a.i./A to soybean forage and hay.</li> <li>3) Do not apply more than 1.5 lbs. a.i./A/season of azoxystrobin-containing products.</li> <li>4) Do not apply within 14 days of harvest (14-day PHI) of soybeans (beans).</li> <li>5) Willowood Azoxy 2SC may be applied the day of harvest (0-day PHI) to soybean forage and hay.</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Stone Fruits  Apricot Cherry, Sweet Cherry, Tart	Brown Rot Blossom Blight and Fruit Rot ( <i>Monilinia fructicola</i> , <i>M. laxa</i> )	12.0-15.5 (0.20-0.25)	For brown rot blossom blight, begin applications at early bloom and continue through petal fall. For brown rot on fruit, Willowood Azoxy 2SC may be applied to fruit up to the
	Scab ( <i>Cladosporium</i> )	6.0-15.5	

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Nectarine Peach Plum Plumcot Prune	<i>carpophilum</i> ) Alternaria spot and fruit rot ( <i>Alternaria</i> <i>alternata</i> ) Anthracnose ( <i>Colletotrichum</i> <i>prunicola</i> , <i>C.</i> <i>gloeosporioides</i> ) Leaf rust ( <i>Tranzschelia</i> <i>discolor</i> ) Powdery Mildew ( <i>Sphaerotheca</i> <i>pannosa</i> , <i>Podosphaera</i> <i>clandestine</i> ) Shot hole ( <i>Wilsonomyces</i> <i>carpophilus</i> )	(0.10-0.25)	day of harvest.  For scab, begin applications at petal fall and continue at 7- to 14-day intervals.  For all other diseases, begin application at the onset of disease as a protectant fungicide and continue on a 7- to 14-day schedule.  For peaches only, 9.0-15.5 fl. oz. of Willowood Azoxy 2SC may be used for scab control.  Applications may be made by ground, air or chemigation.  Do not apply more than two sequential applications of Willowood Azoxy 2SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 92.3 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.5 lbs. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Willowood Azoxy 2SC may be applied the day of harvest (0-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Sugarcane	Brown Rust ( <i>Puccinia</i> <i>melanocephala</i> ) Orange Rust ( <i>Puccinia</i> <i>kuehnii</i> )	9.0-12.0 (0.15-0.20)	Willowood Azoxy 2SC applications should begin prior to rust development, and continue throughout the season every 14-28 days following resistance management guidelines. Scout fields and begin applications at the earliest sign of rust. An adjuvant may be used at recommended rates. For ground applications, apply Willowood Azoxy 2SC in sufficient water volume for adequate coverage and canopy penetration. Applications may be made by ground, air or chemigation.  Do not apply more than two sequential applications of Willowood Azoxy 2SC or other Group 11 fungicide, before alternation with a fungicide that is not in Group 11. Do

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
			not make more than four foliar applications of Willowood Azoxy 2SC or other Group 11 fungicide per acre per year.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 0.80 lb. a.i./A per season azoxystrobin-containing products.</li> <li>2) Do not apply within 30 days of harvest (30-day PHI).</li> <li>3) When applying by air, use no less than 5 gallons spray solution per acre</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Tobacco	Blue Mold ( <i>Peronospora tabacina</i> ) Frogeye Leaf Spot ( <i>Cercospora nicotianae</i> ) Target Spot ( <i>Rhizoctonia solani</i> )	6.0-12.0 (0.1-0.2)	<p>Willowood Azoxy 2SC applications should begin prior to disease development or at first indication that blue mold is in the area. Do not apply Willowood Azoxy 2SC as a curative application. If blue mold is present in the field, initiate applications with Acrobat MZ® prior to an Willowood Azoxy 2SC application. Apply on a 7- to 14-day interval with shorter intervals under conditions conducive to disease development. For ground applications, apply Willowood Azoxy 2SC in sufficient water volume for adequate coverage and canopy penetration. For aerial application, volumes should be 10-15 GPA. Applications may be made by ground, air or chemigation. Do not apply Willowood Azoxy 2SC on greenhouse seedlings. Do not tank mix with Thiodan. Tank mixing Willowood Azoxy 2SC with insecticides formulated as emulsifiable concentrates (EC) or containing high amounts of solvents, may cause crop injury.</p> <p>Do not apply more than one application of Willowood Azoxy 2SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.</p> <p>NOTE: Willowood Azoxy 2SC may enhance weather flecking on the leaves of certain tobacco types. This does not affect yield and quality.</p>

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 32 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 0.52 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Willowood Azoxy 2SC may be applied the day of harvest (0-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Tomatoes</b> <b>Tomatillos</b> <b>Subgroup 8-10A</b>  Including all cultivars and/or hybrids of these.  See complete list of tomato crops below.	Anthracnose ( <i>Colletotrichum coccodes</i> ) Black Mold ( <i>Alternaria alternata</i> ) Buckeye Rot ( <i>Phytophthora</i> spp.) Early Blight ( <i>Alternaria solani</i> ) Powdery Mildew ( <i>Oidiopsis sicula</i> ) Septoria Leaf Spot ( <i>Septoria lycopersici</i> ) Target Spot ( <i>Corynespora cassicola</i> )	5.0-6.2 (0.08-0.10)	Willowood Azoxy 2SC applications should begin prior to disease development and continue throughout the season following the resistance management guidelines. For late blight, Willowood Azoxy 2SC should be applied at 5- to 7-day intervals. For all other tomato diseases, Willowood Azoxy 2SC should be applied on 7- to 21-day intervals.  Applications may be made by ground air or chemigation.  Do not apply more than one application of Willowood Azoxy 2SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	Late Blight ( <i>Phytophthora infestans</i> )	6.2 (0.10)	Under certain weather conditions (particularly high temperatures) Willowood Azoxy 2SC in combination with high rates of silicone-based or oil containing (petroleum or crop) additives or adjuvants may cause injury. Do not exceed 0.125% adjuvant (v/v). Consult a Willowood, LLC representative for more information concerning additives or adjuvants.  A tank mixture with Dimethoate may cause crop injury.
<b>Complete List of Tomato Crops:</b> Bush Tomato; Cocona; Currant Tomato; Garden Huckleberry; Goji Berry; Groundcherry; Naranjilla; Sunberry; Tomatillo; Tomato; Tree Tomato; cultivars, varieties, and/or hybrids of these.			
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 37 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 0.6 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Willowood Azoxy 2SC may be applied the day of harvest (0-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Tree Nuts</b>  Beechnut Brazil Nut Butternut Cashew Chestnut Chinquapin Filbert Hickory Macadamia Pecan Walnut  Almonds, Pistachios (see specific use instructions)	Alternaria Leaf and Fruit Spot ( <i>Alternaria</i> <i>alternata</i> ) Anthracnose ( <i>Colletotrichum</i> <i>acutatum</i> , <i>Glomerella</i> <i>cingulata</i> ) Eastern Filbert Blight ( <i>Anisogramma</i> <i>anomale</i> ) Late Blight ( <i>Alternaria</i> <i>alternata</i> ) Scab ( <i>Cladosporium</i> <i>carpophilum</i> ) Septoria Leaf Spot ( <i>Septoria pistaciarum</i> ) Shot Hole ( <i>Wilsonomyces</i> <i>carpophilus</i> ) Blossom Blight ( <i>Monilinia laxa</i> , <i>M.</i> <i>fruticola</i> )	6.0-12.0 (0.10-0.20)	Willowood Azoxy 2SC applications should begin prior to disease development and continue throughout the season following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  For all other diseases begin applications prior to disease development and continue at 7- to 21-day intervals throughout the season.  Do not apply more than two sequential applications of Willowood Azoxy 2SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.  For blossom blight, begin applications at early bloom and continue through petal fall.
<b>Specific Use Restrictions:</b> 1) Do not apply more than 73.8 fl. oz. of product/A/season. 2) Do not apply more than 1.2 lbs. a.i./A/season of azoxystrobin-containing products. 3) Do not apply within 45 days of harvest (45-day PHI).			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Tropical Fruit</b>  Acerola Atemoya Avocado Biriba Canistel Cherimoya Custard Apple Dragon Fruit Feijoa Guava Ilama Jaboticaba Jackfruit Longan Loquat	Anthracnose ( <i>Colletotrichum</i> spp.) Cercospora Leaf Spot ( <i>Cercospora</i> spp.) Powdery Mildew ( <i>Erysiphe</i> spp.) Rust ( <i>Puccinia</i> spp.)	6.0-15.5 (0.10-0.25)	Willowood Azoxy 2SC applications should begin prior to disease development and continue throughout the season on a 10- to 14-day schedule, following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Follow the resistance management guidelines in the Resistance Management Section. Do not apply more than two sequential applications of Willowood Azoxy 2SC or other Group 11 fungicides before alternation with a fungicide that is not



Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Lychee Mango Papaya Passionfruit Pawpaw Persimmon Pulasan Rambutan Sapodilla Sapote, Black Sapote, Mamey Sapote, White Soursop Star Apple Starfruit Sugar Apple Spanish Lime Tamarind	<b>Soilborne Diseases</b> Seedling Root Rot, Basal Stem Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	in Group 11. For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 92.3 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.5 lbs. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Willowood Azoxy 2SC may be applied the day of harvest (0-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Vegetables, Leaves of Root and Tuber Group and Root Subgroup</b>	<b>Foliar Diseases</b> Alternaria Leaf Spot ( <i>Alternaria spp.</i> , <i>A. alternata</i> ) Ascochyta Leaf Spot ( <i>Ascochyta cynarae</i> ) Rust ( <i>Uromyces betae</i> , <i>Puccinia helianthi</i> ) White Rust ( <i>Albugo tragopogonis</i> )	6.0-20.0 (0.10-0.33)	For powdery mildew, make preventative applications on a 5- to 7-day schedule. For all other diseases, Willowood Azoxy 2SC applications should begin prior to disease development and continue throughout the season every 7-14 days following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.
Beet, Garden and Sugar <sup>1,2</sup> Burdock <sup>1,2</sup> Carrot <sup>1,2</sup> Cassava, Bitter and Sweet <sup>1</sup> Celeriac (celery root) <sup>1,2</sup> Chervil, Turnip- Rooted <sup>1,2</sup> Chicory <sup>1,2</sup> Dasheen (taro) <sup>1</sup> Ginseng <sup>2</sup> Horseradish <sup>2</sup> Parsley, Turnip-Rooted <sup>2</sup> Parsnip <sup>1,2</sup> Radish <sup>1,2</sup> Radish, Oriental (daikon) <sup>1,2</sup> Rutabaga <sup>1,2</sup>	Cercospora Leaf Spot ( <i>Cercospora betae</i> , <i>C. pastinaceae</i> ) Powdery Mildew ( <i>Erysiphe polygoni</i> , <i>Leveillula taurica</i> )	9.0-15.5 (0.15-0.25)	Do not apply more than one application of Willowood Azoxy 2SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	<b>Soilborne Diseases</b> Circular Spot, Southern Blight ( <i>Sclerotium rolfsii</i> ) Pythium Root Rot	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Salsify <sup>2</sup> Salsify, Black <sup>1,2</sup> Salsify, Spanish <sup>2</sup> Skirret <sup>2</sup> Sweet Potato <sup>1</sup> Tanier <sup>1</sup> Turnip <sup>1,2</sup> Yam, True <sup>1</sup>	( <i>Pythium aphanidermatum</i> ) Rhizoctonia Stem Canker, Crown Rot ( <i>Rhizoctonia solani</i> )		<b>For sugar beets</b> apply 3-7 inch banded applications in a minimum of 10 gallons per acre at the 2- to 8-leaf stage. Do not apply as a dribble application over the seed row. Tank mixtures of Willowood Azoxy 2SC with crop oil concentrates (COC) or methylated spray oil (MSO) may result in crop injury. If cool soil conditions are expected after planting which could result in an extended period of plant emergence, Willowood Azoxy 2SC should not be applied in-furrow. If using Willowood Azoxy 2SC at the time of planting, do not use a starter fertilizer with it.
<sup>1</sup> =Vegetable leaves of root and tuber subgroup			
<sup>2</sup> =Root vegetable subgroup			
<b>Specific Use Restrictions:</b>			
1) Do not apply more than 123 fl. oz. of product/A/season.			
2) Do not apply more than 2.0 lbs. a.i./A/season of azoxystrobin-containing products.			
3) Apply as an in-furrow spray in a minimum of 10 gallons per acre.			
4) Willowood Azoxy 2SC may be applied the day of harvest (0-day PHI).			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Vegetables, Tuberous and Corm Subgroup</b>	<b>Foliar Diseases</b>	6.0-20.0 (0.10-0.33)	For powdery mildew, make preventative applications on a 5- to 7-day schedule. For all other diseases, Willowood Azoxy 2SC applications should begin prior to disease development and continue throughout the season every 7-14 days following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.
Arracacha Arrowroot Artichoke, Chinese and Jerusalem Canna, Edible Cassava, Edible, Bitter and Sweet Chayote (root) Chufa Dasheen (Taro) Ginger Leren Potato Sweet Potato Tanier Turmeric Yam, Bean Yam, True	Alternaria Leaf Spot ( <i>Alternaria</i> spp., <i>A. Alternata</i> ) Ascochyta Leaf Spot ( <i>Ascochyta cynarae</i> ) Rust ( <i>Uromyces betae</i> , <i>Puccinia helianthi</i> ) White Rust ( <i>Albugo tragopogonis</i> )		
	Cercospora Leaf Spot ( <i>Cercospora betae</i> , <i>C. pastinaceae</i> ) Powdery Mildew ( <i>Erysiphe polygoni</i> , <i>Leveillula taurica</i> )	9.0-15.5 (0.15-0.25)	Do not apply more than one application of Willowood Azoxy 2SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	<b>Soilborne Diseases</b> Circular Spot, Southern Blight ( <i>Sclerotium rolfsii</i> ) Rhizoctonia Stem	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
	Canker, Crown Rot ( <i>Rhizoctonia solani</i> ) Pythium Root Rot ( <i>Pythium aphanidermatum</i> )		
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 123 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 2.0 lbs. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 14 days of harvest (14-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Watercress	Cercospora Leaf Spot ( <i>Cercospora</i> spp.)	6.0-15.5 (0.10-0.25)	<p>Willowood Azoxy 2SC applications should begin prior to disease development and continue throughout the season on a 7- to 10-day schedule, following resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.</p> <p>Do not apply more than two sequential applications of Willowood Azoxy 2SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.</p>
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 93.2 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.5 lbs. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 7 days of harvest (7-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Cereals  Wheat Triticale	Leaf Rust ( <i>Puccinia triticina</i> = <i>Puccinia recondita</i> f.sp. <i>tritici</i> ) Septoria Leaf and Glume Blotch ( <i>Septoria tritici</i> , <i>Septoria nodorum</i> ) Stem Rust ( <i>Puccinia graminis</i> ) Stripe Rust ( <i>Puccinia striiformis</i> ) Tan Spot ( <i>Pyrenophora tritici-repentis</i> )	4.0-12.0 (0.07-0.20)	Willowood Azoxy 2SC should be applied prior to disease development. Applications may be made by ground, air or chemigation. A crop oil concentrate adjuvant may be added at 1.0% v/v to optimize efficacy.  Do not apply more than two sequential applications of Willowood Azoxy 2SC or other Group 11 fungicide before alternation with a fungicide that is not in Group 11. Do not make more than two applications of Willowood Azoxy 2SC or other Group 11 fungicide per season.
	Powdery Mildew ( <i>Erysiphe graminis</i> )	7.5-11.0 (0.125-0.175)	
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply after Feekes 10.54.</li> <li>2) Do not apply more than 0.40 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 7 days (7-day PHI) for forage and hay.</li> <li>4) Do not apply within 14 days of grazing (14-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Wild Rice	Brown Spot ( <i>Bipolaris oryzae</i> or <i>Bipolaris sorokiana</i> )  Also known as <i>Helminthosporium oryzae</i> and <i>H. sativum</i> )  Stem Rot ( <i>Nakataea sigmoidea</i> )	12.5-15.5 (0.20-0.25)	Willowood Azoxy 2SC should be applied prior to disease development. Applications may be made by ground, air or chemigation. For aerial application, volumes should be 5-10 GPA. An adjuvant may be added at specified rates.  For foliar diseases, apply Willowood Azoxy 2SC prior to disease development. Apply during tillering, boot, early heading, or at initial sign of disease. Under heavy disease pressure and conditions favorable for disease development, a second application may be applied.  Do not apply more than two sequential applications of Willowood Azoxy 2SC or other Group 11 fungicide before alternation with a fungicide that is not in Group 11. Do not make more than two applications of Willowood Azoxy 2SC or other

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
			Group 11 fungicide per season.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not treat wild rice fields used for aquaculture of fish and crustaceans.</li> <li>2) Do not apply when weather conditions favor drift from treated areas to non-target aquatic habitat. Applicators should use care in making applications near non-target aquatic habitats.</li> <li>3) Do not apply more than 0.70 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>4) Do not allow release of irrigation or flood water for at least 14 days after the last application.</li> <li>5) Do not apply within 28 days of harvest (28-day PHI).</li> </ol>			

**Willowood Azoxy 2SC Rate Conversion Chart**

Fl. oz. Product/A	Lb. a.i./A	Treated Acres/Gal. Product
4.0	0.07	32.0
5.0	0.08	25.6
5.5	0.09	23.2
6.0	0.10	21.3
6.2	0.10	21.3
7.0	0.11	18.3
8.5	0.14	15.4
9.0	0.15	14.2
9.2	0.15	14.2
10.0	0.16	13.0
11.0	0.18	11.6
12.0	0.20	10.4
12.3	0.20	10.4
13.0	0.21	9.8
14.0	0.23	9.1
15.4	0.25	8.3
15.5	0.25	8.3
18.3	0.30	6.9
18.5	0.30	6.9
20.0	0.33	6.4
20.3	0.33	6.4
24.5	0.40	5.2

**POST HARVEST APPLICATIONS**

Crop	Target Diseases	Use Rate	Remarks
<b>Bananas Plantains</b>	Crown Rot/Crown Mold ( <i>Colletotrichum musae</i> , <i>Fusarium pallidoroseum</i> , <i>Acremonium</i> spp., <i>Ceratocystis paradoxa</i> , <i>Glomerella cingulate</i> , <i>Penicillium</i> spp.)	200-400 ppm solution	Apply Willowood Azoxy 2SC as a single application of a 200-400 ppm solution to achieve good coverage. The application may be made as a spray, dip or may be painted onto the cut ends of the bananas. Application of the 200 ppm rate is appropriate for short distance transportation (e.g., within the USA). When a longer time in transport is expected (export), use the 300-400 ppm rate. If alum (1% w/v) is added to the spray solution,

Crop	Target Diseases	Use Rate	Remarks								
			<p>stir the suspension frequently as sedimentation and flocculation may occur. Addition of a non-ionic surfactant (0.10% v/v) may improve the compatibility of this mixture.</p> <p><b>Amount of Willowood Azoxy 2SC to Mix 100 Gallons for Post-Harvest Banana Applications</b></p> <table><tr><th>Willowood Azoxy 2SC Use Rate</th><th>100.0 gal. Spray Solution</th></tr><tr><td>200 ppm</td><td>11 fl. oz.</td></tr><tr><td>300 ppm</td><td>15 fl. oz.</td></tr><tr><td>400 ppm</td><td>21 fl. oz.</td></tr></table>	Willowood Azoxy 2SC Use Rate	100.0 gal. Spray Solution	200 ppm	11 fl. oz.	300 ppm	15 fl. oz.	400 ppm	21 fl. oz.
Willowood Azoxy 2SC Use Rate	100.0 gal. Spray Solution										
200 ppm	11 fl. oz.										
300 ppm	15 fl. oz.										
400 ppm	21 fl. oz.										

**Specific Use Restrictions:**

- 1) Do not make more than one application to bananas as post-harvest treatment.
- 2) Willowood Azoxy 2SC may be degraded by exposure to direct sunlight. Do not store treated fruit in direct sunlight.

Crop	Target Diseases	Use Rate	Remarks
<p><b>Citrus Fruit</b> <b>Crop Group 10-10</b></p> <p>Calamondin Citron Citrus Hybrids Grapefruit Kumquat Lemon Lime Mandarin Orange (sour and sweet) Pummelo Satsuma Mandarin Tangerine Uniq Fruit Hybrid</p> <p>Including all cultivars and/or hybrids of these</p> <p>See complete list of citrus fruit crops below.</p>	<p>Penicillium Decays Green Mold, Whisker Mold, Suppression of Blue Mold (<i>Penicillium</i> spp.) Diplodia Stem-End Rot (<i>Diplodia natalensis</i>) Phomopsis Stem-End Rot (<i>Phomopsis citrii</i>)</p>	<p>See Remarks</p>	<p>Use Willowood Azoxy 2SC as a dip, drench, flood, or spray for the control of certain post-harvest diseases.</p> <p><b>For high volume (dilute) applications:</b> Mix 32-64 fl. oz. of Willowood Azoxy 2SC in 25-100 gallons of an appropriate water, wax/oil emulsion, or aqueous dilution of a wax/oil emulsion for the crop being treated. Use T-Jet, flooders, or similar application systems.</p> <p><b>For low volume (concentrate) applications:</b> Mix 32-64 fl. oz. of Willowood Azoxy 2SC in 7-25 gallons of water, wax/oil emulsion, or aqueous dilution of wax/oil emulsion for the crop being treated. Apply to 250,000 lbs. of fruit. Use a controlled-droplet type of applicator or similar system.</p> <p><b>For dip applications:</b> Mix 32-64 fl. oz. of Willowood Azoxy 2SC in 100 gallons of water, wax/oil emulsion, or aqueous dilution of wax/oil emulsion. Dip for approximately 30 seconds and allow fruit to drain. For maximum decay control, treat citrus fruit once before storage and once after storage, just prior to marketing.</p>

**Complete List of Citrus Fruit Crops:** Australian Desert Lime (*Eremocitrus glauca*); Australian Finger Lime (*Microcitrus australasica*); Australian Round Lime (*Microcitrus australis*); Brown River Finger Lime

Crop	Target Diseases	Use Rate	Remarks
(Microcitrus papuana); Calamondin (Citrofortunella microcarpa); Citron (Citrus medica); Citrus Hybrids, Citrus spp., Eremocitrus spp., Fortunella spp., Microcitrus spp., and Poncirus spp., Grapefruit (Citrus paradise); Japanese Summer Grapefruit (Citrus natsudaikai); Kumquat (Fortunella spp.); Lemon (Citrus limon); Lime (Citrus aurantiifolia); Mediterranean Mandarin (Citrus deliciosa); Mount White Lime (Microcitrus garrowayae); New Guinea Wild Lime (Microcitrus warburgiana); Orange, Sour (Citrus aurantium); Orange, Sweet (Citrus sinensis); Pummelo (Citrus maxima); Russell River Lime (Microcitrus inodora); Satsuma Mandarin (Citrus unshiu); Sweet Lime (Citrus limetta); Tachibana Orange (Citrus tachibana); Tahiti Lime (Citrus latifolia); Tangelo (Citrus x tangelo); Tangerine (Mandarin) (Citrus reticulata); Tangor (Citrus nobilis); Trifoliate Orange (Poncirus trifoliata); Uniq Fruit (Citrus aurantium Tangelo group); cultivars, varieties and/or hybrids of these.			
<b>Specific Use Restrictions:</b>			
1) Do not make more than two applications to citrus fruit as post-harvest treatments. 2) Willowood Azoxy 2SC may be degraded by exposure to direct sunlight. Do not store treated fruit in direct sunlight.			

### Tuberous and Corm Vegetable Subgroup 1C – Post Harvest

Arracacha; Arrowroot; Artichoke, Chinese; Artichoke, Jerusalem; Canna, Edible; Cassava, Bitter and Sweet; Chayote (root); Chufa; Dasheen; Ginger; Leren; Potato; Sweet Potato; Tanier; Turmeric; Yam Bean; Yam, True.

Use Willowood Azoxy 2SC as a post-harvest spray for the control of certain post-harvest rots caused by Silver Scurf (*Helminthosporium solani*), *Fusarium* species, Late Blight (*Phytophthora infestans*), and Pink Rot (*Phytophthora erythroseptica*).

Application Method	Disease	Rate (fl. oz.)	Remarks
In-Line Aqueous Spray Application	Silver Scurf Fusarium Dry Rot Late Blight Pink Rot	0.6 fl. oz./ton of tubers	<ul style="list-style-type: none"> <li>• Ensure proper coverage of the tubers. Tubers should be tumbling as they are treated.</li> <li>• Mix the fungicide solution in an appropriate amount of water for the crop being treated.</li> <li>• Use T-Jet, CDA, or similar application system.</li> </ul>
<b>Do not make more than one post-harvest application to the tubers.</b>			
<b>Specific Use Restrictions:</b>			
<ul style="list-style-type: none"> <li>• Do not use on seed potatoes or seed pieces.</li> <li>• Ensure the Willowood Azoxy 2SC solution remains in suspension by using agitation.</li> </ul>			

## TURF

Golf course turf (not for use in California).

Commercial turf farms (not for use in California).

Willowood Azoxy 2SC is recommended for control of anthracnose, brown patch, cool weather brown patch (yellow patch), Fusarium patch, gray leaf spot, gray snow mold (Typhula blight), leafspot, melting out, necrotic ring spot, pink patch, pink snow mold, Pythium blight, Pythium root rot, red thread, Rhizoctonia large patch, southern blight, spring dead spot, summer patch, take-all patch, and Zoysia patch on golf courses, lawns and landscape areas around residential, institutional, public, commercial and industrial buildings, parks, recreational areas and athletic fields.

**Integrated Pest (Disease) Management:** Sound turf management resulting in healthy, vigorous turf is the foundation of a good IPM program. Cultural practices such as proper choice of turf variety, nutrient management, proper cutting height, thatch management, and proper watering, drainage, and moisture stress management should be integrated with the use of fungicides to increase turf vigor and reduce the susceptibility to disease. Immunoassay detection kits and extension service diagnostic services can assist in the early and accurate identification of causal organisms and corresponding selection of the proper fungicide when required.

**Resistance Management:** Some turf disease pathogens are known to have developed resistance to products used repeatedly for their control. Willowood Azoxy 2SC should be applied in a tank mix or alternation program with other registered fungicides that have a different mode of action and to which pathogen resistance has not developed. Do not apply more than two sequential Willowood Azoxy 2SC applications for *Pythium* spp. control. For all other diseases when *Pythium* spp. is not present, do not apply more than three sequential applications of Willowood Azoxy 2SC.

**Application Directions:** Willowood Azoxy 2SC should be applied prior to disease development. Mix Willowood Azoxy 2SC with the required amount of water and apply as a dilute spray application in 2-4 gallons of water per 1000 square feet (87-174 gallons per acre). Repeat applications at specified intervals for as long as required. For spot treatments, use 0.4 fl. oz. Willowood Azoxy 2SC per 1 to 2 gallons of water. Do not apply more than 9.6 quarts product/acre/year (7.1 fl. oz. product/1000 square feet/year). Apply by ground only.

**Rate Ranges:** Use the shortest specified application interval and/or use the higher specified rate when prolonged favorable disease conditions exist.

**Dollar Spot:** Willowood Azoxy 2SC does not control dollar spot. Willowood Azoxy 2SC is compatible in tank mixes with many other fungicides that control dollar spot. Always tank mix Willowood Azoxy 2SC with another fungicide that controls dollar spot when this disease is present. Follow directions under TANK MIXES/COMPATIBILITY above.

### DIRECTIONS FOR APPLICATION FOR TURF DISEASES

Target Diseases	Use Rate (fl. oz. product per 1000 sq. ft.)	Application Interval (days)	Remarks*
Anthracnose ( <i>Colletotrichum graminicola</i> )	0.38-0.77	14-28	Apply when conditions are favorable for disease development.
Brown Patch ( <i>Rhizoctonia solani</i> )	0.38-0.77	14-28	Apply when conditions are favorable for disease development.
Cool weather brown patch Yellow patch ( <i>Rhizoctonia cerealis</i> )	0.38-0.77	28	Make one or two applications in fall or when conditions are favorable for disease development.
Fusarium patch ( <i>Microdochium nivale</i> )	0.38-0.77	14-28	Apply when conditions are favorable for disease development.
Gray Leaf Spot ( <i>Pyricularia grisea</i> )	0.38-0.77	14-28	Begin applications before disease is present and continue applications while conditions are favorable for



Target Diseases	Use Rate (fl. oz. product per 1000 sq. ft.)	Application Interval (days)	Remarks*
			disease development.
Gray snow mold	1.35	Single application 14	Make a single application of 1.35 fl. oz. or two applications of 0.77 spaced 14 days apart in late fall just before snow cover. Tank mixing with another snow mold fungicide may enhance control under severe disease pressure.
Typhula blight ( <i>Typhula incarnata</i> , <i>T. ishikariensis</i> )	0.77		
Leafspot ( <i>Bipolaris sorokiniana</i> )	0.38-0.77	14-21	Apply when conditions are favorable for disease development.
Melting out ( <i>Drechslera poae</i> )	0.38-0.77	14-21	Apply when conditions are favorable for disease development.
Necrotic ring spot ( <i>Leptosphaeria korrae</i> )	0.38-0.77	14-28	Apply when conditions are favorable for disease development.
Pink patch ( <i>Limonomyces roseipellis</i> )	0.38-0.77	14-28	Apply when conditions are favorable for disease development.
Pink snow mold ( <i>Microdochium nivale</i> )	1.35 0.77	Single application 14	Make a single application of 1.35 fl. oz. or two applications of 0.77 spaced 14 days apart in late fall just before snow cover. Tank mixing with another snow mold fungicide may enhance control under severe disease pressure.
Pythium blight Pythium root rot ( <i>Pythium aphanidermatum</i> , <i>Pythium</i> spp.)	0.38-0.77	10-14	Begin applications before disease is present. During periods of prolonged favorable conditions, treat on the 10 day application interval. For use on newly seeded as well as established turf.
Red thread ( <i>Laetisaria fuciformis</i> )	0.38-0.77	14-28	Apply when conditions are favorable for disease development.
Rhizoctonia large patch ( <i>Rhizoctonia solani</i> )	0.38-0.77	28	Make one or two applications in fall or when conditions are favorable for disease development.
Southern blight ( <i>Sclerotium rolfsii</i> )	0.38-0.77	14-28	Apply when conditions are favorable for disease development.
Spring dead spot ( <i>Leptosphaeria korrae</i> ) or ( <i>Gaeumannomyces graminis</i> var. <i>graminis</i> ) or ( <i>Ophiosphaerella herpotricha</i> )	0.38-0.77	28	Make one or two applications in fall or when conditions are favorable for disease development.
Summer patch ( <i>Magnaporthe poae</i> )	0.38-0.77	14-28	Apply when conditions are favorable for disease development.
Take-all patch ( <i>Gaeumannomyces graminis</i> var. <i>avenae</i> )	0.38-0.77	28	Make two applications 28 days apart in the spring and two applications 28 days apart in the fall.
Zoysia patch ( <i>Rhizoctonia solani</i> and/or <i>Gaeumannomyces incrustana</i> )	0.38-0.77	28	Make one or two applications in late fall before snow cover or when conditions are favorable for disease development. Do not apply on top of snow.

Do not apply more than two sequential applications of Willowood Azoxy 2SC for control of *Pythium* spp. For all other diseases, do not apply more than four sequential applications of Willowood Azoxy 2SC.

**Willowood Azoxy 2SC Rate Conversion Chart for Turf**

Fluid Ounces Product Per 1000 Sq. Ft.	Ounces A.I. Per 1000 Sq. Ft.	Fluid Ounces Product Per Acre	Pints of Product Per Acre
0.4	0.104	17.4	1.1
0.5	0.130	21.8	1.4
0.6	0.156	26.1	1.6
0.7	0.182	30.5	1.9
0.77	0.200	33.5	2.1
1.35	0.35	58.8	3.7

**Amount of Willowood Azoxy 2SC to Mix 100 Gallons for Turf Applications**

Willowood Azoxy 2SC Use Rate (fl. oz.)	Spray Volume (gallons/1000 square feet)		
	2.0 gals. (fl. oz.)	3.0 gals. (fl. oz.)	4.0 gals. (fl. oz.)
0.4	20	13	10
0.5	25	17	13
0.6	30	20	15
0.7	35	23	18
0.77	38.5	25.7	19.3
1.35	67.5	45	33.75

## SEED TREATMENT

### USE INFORMATION

Willowood Azoxy 2SC is a broad spectrum, preventative fungicide with systemic and curative properties recommended for the control of many important plant diseases. Willowood Azoxy 2SC may be applied in alternating programs or in tank mixes with other registered, crop protection products. All applications should be made according to the use directions that follow.

### USE PRECAUTIONS

Do not graze or feed clippings from treated turf areas to animals. Do not plant the following crops for a period of 12 months since the last azoxystrobin application (unless an azoxystrobin product is registered for use on that crop): buckwheat, millet. All other crops with azoxystrobin registered uses may be planted immediately after the treated seed is planted.

### SEED TREATMENT PRECAUTIONS

The Federal Seed Act requires that containers containing treated seed be labeled with the following statements:

- This seed has been treated with axoxystrobin
- Do not use treated seed for feed, food, or oil purposes

The U.S. Environmental Protection Agency requires the following statements on containers containing seed treated with azoxystrobin:

- Store treated seed away from food and feedstuffs
- Do not allow children, pets, or livestock to have access to treated seeds
- Wear long pants, long-sleeved shirt and protective gloves when handling treated seed

- Treated seeds exposed on soil surface may be hazardous to wildlife. Cover or collect treated seeds spilled during loading and planting
- Dispose of all excess treated seed by burying seed away from bodies of water
- Do not contaminate bodies of water when disposing of planting equipment wash water
- Dispose of seed packaging or containers in accordance with local requirements

#### USE PRECAUTION

When using formulations that do not contain dye, a dye used to color the treated seed must be an EPA approved dye. Refer to 40 CFR 153.155(c). All seed treated with an economic poison must be colored to distinguish and prevent subsequent inadvertent use as a food for man or feed for animals.

#### SEED TREATMENT USE INFORMATION

Apply Willowood Azoxy 2SC at the specified rate per 100 pounds of seed, using standard slurry or mist-type seed treatment equipment. Uniform application to seed is necessary to ensure seed safety and best disease protection. Seed should be sound and well cured prior to treatment. Product should be diluted with sufficient water to secure seed coverage. Consult a seed treatment specialist regarding slurry rates recommended for the crop to be treated with Willowood Azoxy 2SC.

It is recommended that Willowood Azoxy 2SC be combined with a Pythium-active seed treatment product to offer broad spectrum protection against the seed and seedling disease complex (*Rhizoctonia* spp. and *Pythium* spp.)

Crop	Target Diseases	Use Rate Fl. oz. product/ cwt. seed	Remarks
Canola	Seedborne Diseases Blackleg ( <i>Phoma lingam</i> ) Seedling Rhizoctonia damping-off ( <i>Rhizoctonia solani</i> ) Alternaria seedling blight ( <i>Alternaria</i> spp.)	1.5	
Cucurbits	Seedling Rhizoctonia damping-off ( <i>Rhizoctonia solani</i> ) General seed decay fungi	0.25-1.5	
Peanut	Seedborne diseases Rhizoctonia damping-off ( <i>Rhizoctonia solani</i> )	0.25-1.5	Suppression only
Potato	Black scurf & stem canker ( <i>Rhizoctonia solani</i> ) Silver scurf ( <i>Helminthosporium solani</i> )	0.31-1.5	For suppression of black scurf and stem canker and for protection against silver scurf.
Sunflower	Downy Mildew ( <i>Plasmopora halstedii</i> )	0.25-1.5	Apply Willowood Azoxy 2SC at the listed rate using standard slurry or mist-type seed treatment equipment. Uniform application to seed is necessary to ensure seed safety and best disease protection.
Rice	Seedborne fungi and early season diseases Sheath blight ( <i>Rhizoctonia solani</i> )	0.25-1.5	For protection against seedborne fungi and early season sheath blight.
Tomato	Seed decay and early season diseases	0.25-1.5	For protection against seed decay and early season Rhizoctonia

	Rhizoctonia damping-off ( <i>Rhizoctonia solani</i> )		damping-off.
Wheat	Seedborne diseases Common bunt ( <i>Tilletia caries</i> ) Dwarf bunt ( <i>Tilletia controversa</i> )	0.25-1.5	For protection against seedborne diseases, common bunt and partial control of dwarf bunt.

Crop	Target Diseases	Use Rate Fl. oz. product/ cwt. seed	Remarks
<b>Non-Crop Uses</b>			
Flower Tree Seed	Seedborne diseases Rhizoctonia damping-off ( <i>Rhizoctonia solani</i> )	0.25-1.5	For early season protection against seedborne diseases and Rhizoctonia damping-off.
Ornamental Seed	Seedborne diseases Rhizoctonia damping-off ( <i>Rhizoctonia solani</i> )	0.25-1.5	For early season protection against seedborne diseases and Rhizoctonia damping-off.
Turfgrass	Seedborne diseases Rhizoctonia damping-off ( <i>Rhizoctonia solani</i> )	0.25-1.5	For early season protection against seedborne diseases and Rhizoctonia damping-off.

## STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

**PESTICIDE STORAGE:** Store in original containers only. Keep container closed when not in use. Do not store near food or feed. In case of spill on floor or paved surfaces, mop and remove to chemical waste storage area until proper disposal can be made if product cannot be used according to the label.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative of the nearest EPA Regional Office for guidance.

### CONTAINER HANDLING:

**[Nonrefillable Container (five gallons or less):]** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill or by incineration.

**[Nonrefillable Container (greater than five gallons):]** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill or by incineration.

## CONDITION OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of Willowood, LLC or Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Willowood, LLC and Seller harmless for any claims relating to such factors.

Willowood, LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or Willowood, LLC, and Buyer and User assume the risk of any such use. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, WILLOWOOD, LLC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.**

To the extent consistent with applicable law, neither Willowood, LLC nor Seller shall be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF WILLOWOOD, LLC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF WILLOWOOD, LLC OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

Willowood, LLC and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of Willowood, LLC.

Ambush, Callisto, Halex, Plant Performance, Warrior with Zeon Technology are trademarks of a Syngenta Group Company.

Acrobat is a trademark of BASF Corporation.

Aliette and Phaser are trademarks of Bayer CropScience.

Botran is a trademark of Gowan Company.

Lorsban and Kelthane are trademarks of Dow AgroSciences, LLC.

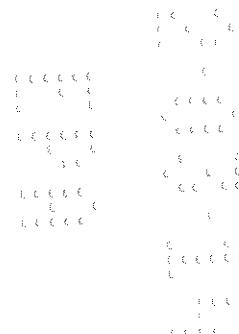
Lannate is a trademark of DuPont Crop Protection.

M-Pede is a trademark of Mycogen Corporation.

Pounce is a trademark of FMC Corporation and Agrilliance, LLC.

Thiodan is a trademark of Universal Crop Protection Alliance, LLC.

EPA 20140130



# Material Sent for Data Extraction

Reg. # 87290-44 (-uu)

Description: New product

☐ Material(s) Sent to Data Extraction Contractors:

☒ New Stamped Label Dated 1/6/14

☐ Notification Dated \_\_\_\_\_

☒ New CSF(s) Dated 8/13/13

☐ Other: \_\_\_\_\_

☐ Decision #: 482054

☐ Other Action/Comments: \_\_\_\_\_  
\_\_\_\_\_

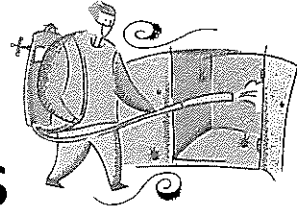
File this coversheet and attached materials in the jacket. It must be well organized and clipped together, NOT STAPLED. Then give the jacket with the coversheet and materials to staff in the Information Services Center (ISC) (Room S-4900). If a jacket is full or only available as an image, please file materials in a new jacket and bring it down to the (ISC). For further information please call 703-605-0716.

Reviewer: Erin Malone

Phone: 7033470253 Division: RD

Date: 1/7/14

## NEW APPLICATIONS



DATE: AUG 15 2013

FILE REG NUMBER: 87290 - 11 11

FEP (OPPIN ENTRY) 2✓ AUG 16 2013

(Initial & Date)

FILE ROOM: \_\_\_\_\_

(Initial & Date)

SIG: \_\_\_\_\_

(Initial & Date)

FILE ROOM: \_\_\_\_\_

(Initial & Date)

ASSIGN TO PM: AD ✓ RD 20 BPPD \_\_\_\_\_

\_\_\_\_\_ JACKET TO SHELF (data)



# U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Chemical Safety and Pollution Prevention  
Office of Pesticide Programs  
Registration Division (7504P)  
1200 Pennsylvania Ave., N.W.  
Washington, DC 20460

## NOTICE OF PESTICIDE:

- ☒ Registration  
☐ Reregistration  
Under FIFRA, as amended

EPA Reg. Number:

**87290-44**

Date of  
Issuance:

**JAN 06 2014**

Term of Issuance:

Conditional

Name of Pesticide Product:

**Willowood  
Azoxystrobin 2.08SC**

Name and Address of Registrant (include ZIP Code):

**Willowood, LLC  
1600 NW Garden Valley Blvd., Suite 120  
Roseburg, OR 97471**

Mailed to:

**Pyxis Regulatory Consulting,  
Inc.  
4110 136<sup>th</sup> St. NW  
Gig Harbor, WA 98332**

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

The application referred to above, submitted under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended is acceptable under FIFRA sec. 3(c)(7)(A) subject to the following conditions:

1. You must submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.
2. You are required to comply with the azoxystrobin Data Call-in identified below in a timely and adequate manner and submit your responses to Kelly Ballard. DCI# GDCI-128810-892, issued on 11/9/2011. A copy of the DCI is attached.

Page 1 of 2

Signature of Approving Official:

Shaja B. Joyner, Product Manager (20)  
Fungicide Branch/Registration Division/OPP/OCSP (7504P)

Date:

**1/6/2014**



3. You must comply with all of the data requirements in the referenced order within the deadlines established by the order. In the case of this DCI, those deadlines are measured from 11/9/2011 and the avian acute oral toxicity test has been extended through 3/15/2014. If you fail to satisfy the requirements in this Order, EPA will consider appropriate regulatory action, including, among other things, cancellation under FIFRA section 6(e).

Make the following changes to the label:

- a. Change the product registration number to "EPA Reg. No. 87290-44"

Submit one copy of the revised final printed label for the record before the product is released for shipment.

The basic Confidential Statement of Formula (CSF) dated 08/13/2013 is acceptable.

If these requirements are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A copy of your label stamped "Accepted" is enclosed for your records.

(8)

Shaja B. Joyner  
Product Manager (20)  
Fungicide Branch  
Registration Division (7504P)

Enclosures:

Label stamped "Accepted"

Product Chemistry Review dated 9/27/2013 {DP415210}

# Willowood Azoxystrobin 2.08SC

Use as a broad spectrum fungicide for control of listed plant diseases on labeled crops; for control of listed post-harvest diseases in banana and citrus; and for control of listed diseases on labeled turf sites.

**ACTIVE INGREDIENT:**

Azoxystrobin: methyl (E)-2-[2-[6-(2-cyanophenoxy)pyrimidin-4-yloxy]phenyl]-3-methoxyacrylate\* ..... 22.9%

**OTHER INGREDIENTS:** ..... 77.1%

**TOTAL:** ..... 100.0%

Contains 2.08 lb. a.i. of active ingredient per gallon.

\*IUPAC

## KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID	
<b>If swallowed:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If skin or clothing:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency information concerning this product, call the National Pesticides Information Center (NPIC) at 1-800-858-7378 seven days a week, 6:30 am to 4:30 pm Pacific Time or your poison control center at 1-800-222-1222.	

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if swallowed. Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing.

EPA Reg. No. 87290-xx

EPA Est. No.

Manufactured for:  
Willowood, LLC  
1600 NW Garden Valley Blvd. #120  
Roseburg, OR 97471

Net Contents:

ACCEPTED  
JAN 06 2014  
Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended, for the  
pesticide registered under:

EPA. Reg. No: 87290-44

## PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemically resistant to this product are listed below. If you want more options, follow the instructions for category A on an EPA chemical resistance category selection chart.

### Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material such as polyvinyl chloride, nitrile rubber or butyl rubber
- Shoes plus socks

## USER SAFETY REQUIREMENTS

Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

## ENGINEERING CONTROLS

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240 (d) (4-6)), the handler PPE requirements may be reduced or modified as specified in the WPS.

**IMPORTANT:** When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for "applicators and other handlers" and have such PPE immediately available for use in an emergency, such as a spill or equipment breakdown.

### USER SAFETY RECOMMENDATIONS

#### Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Wash thoroughly with soap and water after handling.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

## ENVIRONMENTAL HAZARDS

Azoxystrobin is toxic to freshwater and estuarine/marine fish and aquatic invertebrates. Azoxystrobin can be persistent for several months or longer.

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or regional office of the EPA.

**For terrestrial uses:** Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment washwater or rinsate.

### Ground Water Advisory

Azoxystrobin and adegadate of azoxystrobin are known to leach through soil to ground water under certain conditions as a result of label use. This chemical may leach into ground water if used in areas where soils are permeable, particularly where the water table is shallow.

### Surface Water Advisory

This product may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soils and soils with shallow ground water. This product is classified as having a high potential for reaching surface water via runoff for several months or more after application. A level, well-maintained

vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential loading of azoxystrobin and a degradate of azoxystrobin from runoff water and sediment. Runoff of this product will be reduced by avoiding applications when rainfall or irrigation is expected to occur within 48 hours.

Notify State and/or Federal authorities and Willowood, LLC immediately if you observe any adverse environmental effects due to use of this product.

## **DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Failure to follow the use directions and precautions on this label may result in plant injury or poor disease control.

Use of this product through airblast application equipment on grapes is prohibited in the following townships and boroughs of Erie County, Pennsylvania:

North East, Harborcreek, Lawrence Park, Erie, Presque Isle, Millcreek, Fairview, Girard and Springfield

This prohibition is intended to help eliminate phytotoxicity problems with apples observed in this geographic location.

### **FAILURE TO FOLLOW THE USE DIRECTIONS AND PRECAUTIONS ON THIS LABEL MAY RESULT IN PLANT INJURY OR POOR DISEASE CONTROL.**

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

## **AGRICULTURAL USES**

Commercial turf farm use (Not for use in California).

### **AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Chemical-resistant gloves made of any waterproof material such as polyvinyl chloride, nitrile rubber or butyl rubber
- Shoes plus socks

## **NON-AGRICULTURAL USES**

Golf Courses (Not for use in California).

For use to control diseases on turf on golf courses, lawns and landscape areas around residential, institutional, public, commercial and industrial buildings, parks, recreational areas and athletic fields.

### **NON-AGRICULTURAL USE REQUIREMENTS**

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker

Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. The area being treated must be vacated by unprotected persons.

Do not treat areas while unprotected humans or domestic animals are present in the treatment areas. Because certain states may require more restrictive reentry intervals, consult your State Department of Agriculture for further information.

Do not allow entry into treatment area until area that was treated with this product is dry.

## PRODUCT INFORMATION

Willowood Azoxystrobin 2.08SC is a broad spectrum, preventative fungicide with systemic and curative properties recommended for the control of many important plant diseases. Willowood Azoxystrobin 2.08SC may be applied as a foliar spray in alternating spray programs or in tank mixes with other registered crop protection products. All applications must be made according to the use directions that follow.

## RESTRICTIONS

Do not graze or feed clippings from treated turf areas to animals.

Do not use for disease control in food crops grown in greenhouses.

DO NOT spray Willowood Azoxystrobin 2.08SC where spray drift may reach apple trees.

DO NOT spray when conditions favor drift beyond area intended for application. Conditions which may contribute to drift include thermal inversion, wind speed and direction, sprayer nozzle/pressure combinations, spray droplet size, etc. Contact your State extension agent for spray drift prevention guidelines in your area.

DO NOT use spray equipment which has been previously used to apply Willowood Azoxystrobin 2.08SC to spray apple trees. Even trace amounts can cause unacceptable phytotoxicity to certain apple and crabapple varieties.

## PRECAUTIONS

Willowood Azoxystrobin 2.08SC is extremely phytotoxic to certain apple varieties.

**AVOID SPRAY DRIFT.** Extreme care must be used to prevent injury to apple trees (and apple fruit).

**AVOIDING SPRAY DRIFT IS THE RESPONSIBILITY OF THE APPLICATOR.**

Willowood Azoxystrobin 2.08SC may demonstrate some phytotoxic effects when mixed with products that are formulated as ECs. These effects are enhanced if applications are made under cool, cloudy conditions and these conditions remain for several days following application. In addition, adjuvants that contain some form of silicone have also contributed to phytotoxicity.

## USE INSTRUCTIONS

**Application:** Thorough coverage is necessary to provide good disease control. Make no more spray solution than is needed for application. Avoid spray overlap, as crop injury may occur.

**Adjuvants:** When an adjuvant is to be used with this product, the use of an adjuvant that meets the standards of the Chemical Producers and Distributors Association (CPDA) adjuvant certification is recommended.

**Efficacy:** Under certain conditions conducive to extended infection periods, use another registered fungicide for additional applications if maximum amount of Willowood Azoxystrobin 2.08SC has been used. If resistant isolates to Group 11 fungicides are present, efficacy can be reduced for certain diseases. The higher rates in the rate range and/or shorter spray intervals may be required under certain conditions of heavy infection pressure, with highly susceptible varieties, or when environmental conditions are conducive to disease.

## INTEGRATED PEST (DISEASE) MANAGEMENT

Willowood Azoxystrobin 2.08SC should be integrated into an overall disease and pest management strategy whenever the use of a fungicide is required. Cultural practices known to reduce disease development should be followed. This should include selection of varieties with disease tolerance, removal of plant debris in which inoculums overwinters, and proper timing and placement of irrigation. Consult your local agricultural authorities for additional IPM strategies established for your area. Willowood Azoxystrobin 2.08SC may be used in State Agricultural Extension advisory (disease forecasting) programs which recommend application timing based on environmental factors favorable for disease development.

**Crop Tolerance:** Plant tolerance has been found to be acceptable for all crops on the label, however, not all possible tank-mix combinations have been tested under all conditions. When possible, it is recommended to test the combinations on a small portion of the crop to ensure that a phytotoxic response will not occur as a result of application. See the PRECAUTIONS section for apple phytotoxicity information.

## RESISTANCE MANAGEMENT

GROUP	<b>11</b>	FUNGICIDE
-------	-----------	-----------

Willowood Azoxystrobin 2.08SC (azoxystrobin) is a Group 11 fungicide. The mode of action for Willowood Azoxystrobin 2.08SC is the inhibition of the QoI (quinone outside) site within the electron transport system [Group 11]. Fungal pathogens can develop resistance to products with the same mode of action when used repeatedly. Because resistance develop cannot be predicted, use of this product should conform to resistance management strategies established for the crop and use area. Consult your local or State agricultural authorities for resistance management strategies that are complementary to those in this label. Resistance management strategies may include alternating and/or tank-mixing with products having different modes of action or limiting the total number of applications per season. Syngenta encourages responsible resistance management to ensure effective long-term control of the fungal diseases on this label.

Follow the crop specific resistance management recommendations in the directions for use.

If no resistance recommendation on number of applications is specified in the directions for use, follow the recommendations in the table below.

If planned total number of fungicide applications per crop is:	1	2	3	4	5	6	7	8	9	10	11	12
<b>Recommended Solo QoI fungicide sprays</b>	1	1	2	2	2	2	2	3	3	3	3	4
<b>Recommended QoI fungicide sprays in mixture (tank-mix formulated)</b>	1	2	2	2	2	3	3	4	4	5	5	6

In situations requiring multiple sprays, develop season long spray programs for Group 11 (QoI) fungicides. In crops where two sequential Group 11 fungicide applications are made, they should be alternated with two or more applications of a fungicide that is not in Group 11. If more than 12 applications are made, observe the following guidelines:

- When using QoI fungicide as a solo product, the number of applications must be no more than 1/3 (33%) of the total number of fungicide applications per season.
- For QoI mixes in programs in which tank mixes or pre mixes of QoI with mixing partners of a different mode of action are utilized, the number of QoI containing applications must be no more than 1/2 (50%) of the total number of fungicide applications per season.
- In programs in which applications of QoI are made with both solo products and mixtures, the number of QoI containing applications must be no more than 1/2 (50%) of the total number of fungicide applications per season.

If Group 11 fungicide is applied to the seed or soil, do not make another application with a Group 11 fungicide for at least 3 weeks.

#### Rotational Crop Restrictions

The following crops may be planted at the specified interval following application of this product.

#### Crop Rotational Interval

	Plant Back Interval
Buckwheat, millet	12 months
All other crops with Azoxystrobin registered uses	0 days

#### SOILBORNE/SEEDLING DISEASE CONTROL

For those crops that have specific use directions for soilborne disease control: Willowood Azoxystrobin 2.08SC can provide control of many soilborne diseases if applied early in the growing season. Specific applications for soilborne diseases include in-furrow applications and banded applications applied over the row, either shortly after plant emergence or during herbicide applications or cultivation. These applications will provide control of pre- or postemergence damping off and diseases that infect plants at the soil-plant interface.

The use of either type of application depends on the cultural practices in the region. In some locations, one type of application may provide better disease control than the other, depending on the timing of the disease epidemic. Seedling diseases are generally controlled by in-furrow applications while banded applications are more effective against soilborne diseases that develop later in the season. Consult your local expert to get some guidance regarding application type.

Under cool, wet conditions, crop injury from soil directed applications can occur.

#### BANDED

- Apply Willowood Azoxystrobin 2.08SC prior to infection as a directed spray to the soil, using single or multiple nozzles, adjusted to provide thorough coverage of the lower stems and the soil surface surrounding the plants.
- Band width should be limited to 7 inches or less.
- Apply Willowood Azoxystrobin 2.08SC at a rate of 0.40-0.80 fl. oz. product (0.10-0.20 oz. a.i.)/1000 row feet. For banded applications on 22-inch rows, the maximum application rate is 0.70 fl. oz./1000 row feet.
- These applications come into contact with the foliage and are counted as foliar applications when considering resistance management.
- They may be applied during cultivation or hilling operations to provide soil incorporation.

#### IN-FURROW

- Apply Willowood Azoxystrobin 2.08SC as an in-furrow spray in 3-15 gallons of water at planting.
- Mount the spray nozzle so the spray is directed into the furrow just before the seeds are covered.
- Use the higher rate when the weather conditions are expected to be conducive for disease development, if the field has a history of Pythium problems, or if minimum/low till programs are in place.

#### IN-FURROW APPLICATION RATES

RATE PER 1000 ROW FEET		PRODUCT PER ACRE (fl. oz.)						
Fl. oz. product	Oz. a.i.	22" Rows	30" Rows	32" Rows	34" Rows	36" Rows	38" Rows	40" Rows
0.40	0.10	9.5	7.0	6.5	6.1	5.8	5.5	5.2
0.60	0.15	14.3	10.5	9.8	9.2	8.7	8.3	7.8
0.80	0.20	14.0	14.0	13.0	12.2	11.6	11.0	10.4

22" = 23,760 row ft., 30" = 17,424 row ft., 32" = 16,315 row ft., 34" = 15,374 row ft., 36" = 14,520 row ft., 38" = 13,754 row ft., and 40" = 13,068 row ft./Acre

## **DRIP**

Refer to the **Application Instructions Through Irrigation System** section.

## **SPRAY DRIFT MANAGEMENT**

To avoid spray drift, do not apply when conditions favor drift beyond the target area. The interaction of many equipment and weather related factors determine the potential for spray drift. **AVOIDING SPRAY DRIFT AT THE APPLICATION SITE IS THE RESPONSIBILITY OF THE APPLICATOR AND THE GROWER.**

### **ATTENTION**

Willowood Azoxystrobin 2.08SC is extremely phytotoxic to certain apple varieties.

**AVOID SPRAY DRIFT.** Extreme care must be used to prevent injury to apple trees (and apple fruit).

**DO NOT** spray Willowood Azoxystrobin 2.08SC where spray drift may reach apple trees.

**DO NOT** spray when conditions favor drift beyond area intended for application. Conditions which may contribute to drift include thermal inversion, wind speed and direction, sprayer nozzle/pressure combinations, spray droplet size, etc. Contact your State extension agent for spray drift prevention guidelines in your area.

**DO NOT** use spray equipment which has been previously used to apply Willowood Azoxystrobin 2.08SC to spray apple trees. Even trace amounts can cause unacceptable phytotoxicity to certain apple and crabapple varieties.

**AVOIDING SPRAY DRIFT IS THE RESPONSIBILITY OF THE APPLICATOR.**

Do not apply when weather conditions favor drift from treated areas to non-target aquatic habitat.

## **MIXING AND APPLICATION METHODS**

### **Spray Equipment**

Willowood Azoxystrobin 2.08SC may be applied with all types of spray equipment commonly used for making ground and aerial applications. Proper adjustments and calibration of spraying equipment to give good canopy penetration and coverage is essential for good disease control.

#### **Nozzles**

- Equip sprayers with nozzles that provide accurate and uniform application.
- Nozzles should be the same size and uniformly spaced across the boom.
- Calibrate sprayer before use.
- It is suggested that screens be used to protect the pump and to prevent nozzles from clogging.
- Screens placed on the suction side of the pump should be 16-mesh or coarser.
- Do not place a screen in the recirculation line.
- Use 50-mesh or coarser screens between the pump and boom, and where required, at the nozzles.
- Check nozzle manufacturer's recommendations.

#### **Pump**

- Use a pump with capacity to:
  - (1) Maintain 35-40 psi at nozzles
  - (2) Provide sufficient agitation in tank to keep mixture in suspension – this requires recirculation of 10% of tank volume per minute.
- Use a jet agitator or liquid sparge tube for agitation.
- Do not air sparge.

For more information on spray equipment and calibration, consult sprayer manufacturers and state recommendations. For specific local directions and spray schedules, consult the current state agricultural recommendations.

### **Mixing Instructions**

- Willowood Azoxystrobin 2.08SC is a suspension concentrate (SC) formulation.



- Prepare no more spray mixture than is required for the immediate operation.
- Thoroughly clean spray equipment before using this product.
- Agitate the spray solution before and during application.
- Rinse spray tank thoroughly with clean water after each day's use and dispose of pesticide rinsate by application to an already treated area.

#### **Willowood Azoxystrobin 2.08SC Alone (No Tank Mix)**

- Add 1/2 - 2/3 of the required amount of water to the spray or mixing tank.
- With the agitator running, add Willowood Azoxystrobin 2.08SC to the tank.
- Continue agitation while adding the remainder of the water.
- Begin application of the spray solution after Willowood Azoxystrobin 2.08SC has completely dispersed into the mix water.
- Maintain agitation until all of the mixture has been sprayed.

**Willowood Azoxystrobin 2.08SC + Tank Mixtures:** Willowood Azoxystrobin 2.08SC is usually compatible with all tank-mix partners listed on this label. To determine the physical compatibility of Willowood Azoxystrobin 2.08SC with other products, use a jar test. Using a quart jar, add the proportionate amounts of the products to 1 qt. of water. Add wettable powders and water dispersible granular products first, then liquid flowables, and emulsifiable concentrates last. After thoroughly mixing, let stand for at least 5 minutes. If the combination remains mixed or can be remixed readily, it is physically compatible. Once compatibility has been proven, use the same procedure for adding required ingredients to the spray tank.

Willowood Azoxystrobin 2.08SC has demonstrated some phytotoxic effects when mixed with products that are formulated as emulsifiable concentrates (EC). These effects are enhanced if applications are made under cool, cloudy conditions and these conditions remain for several days following application. In addition, adjuvants that contain some form of silicone have also contributed to phytotoxicity.

#### **Mixing in the Spray Tank**

- Add 1/2 - 2/3 of the required amount of water to the spray or mixing tank.
- With the agitator running, add the tank-mix partner(s) into the tank in the same order as described above.
- Allow the material to completely dissolve and disperse into the mix water. Continue agitation while adding the remainder of the water and Willowood Azoxystrobin 2.08SC to the spray tank.
- Allow Willowood Azoxystrobin 2.08SC to completely disperse.
- Spray the mixture with the agitator running.

#### **APPLICATION INSTRUCTIONS THROUGH IRRIGATION SYSTEMS (CHEMIGATION)**

##### **Application Through Irrigation Systems (Chemigation)**

- Use only on crops for which chemigation is specified on this label.
- Apply this product only through center pivot, solid set, hand move, or moving wheel irrigation systems. Do not apply this product through any other type of irrigation system.
- Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water.
- Apply in 0.1-0.25 inches/acre. Excessive water may reduce efficacy.
- If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers, or other experts.
- Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system, unless the pesticide label-prescribed safety devices for public water systems are in place.
- A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

**Spray Preparation:** Chemical tank and injector system should be thoroughly cleaned. Flush system with clean water.

**Drip Irrigation:** Willowood Azoxystrobin 2.08SC may be applied through drip irrigation systems for soilborne disease control. The soil should have adequate moisture capacity prior to drip application.

Terminate drip irrigation at fungicide depletion from the main feed supply tank or after 6 hours from start, whichever is shorter. For maximum efficacy, subsequent irrigation (water only) should be delayed for at least 24 hours following drip application.

#### **Sprinkler Irrigation**

- Apply this product through sprinkler irrigation systems including center pivot, lateral move, end tow, side [wheel] roll, traveler, big gun, solid set, or hand move irrigation systems.
- Do not apply this product through any other type of irrigation system except as specified on this label.
- Apply with center pivot or continuous-move equipment distributing ½ acre-inch or less during treatment.
- In general, use the least amount of water required for proper distribution and coverage.
- If stationary systems (solid set, handlines or wheel lines other than continuous-move) are used, this product should be injected into no more than the last 20-30 minutes of the set.
- Do not apply when winds are greater than 10-15 mph to avoid drift or wind skips.
- Do not apply when wind speed favors drift beyond the area intended for treatment.
- Plant injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform treated water.
- Thorough coverage of foliage is required for good control.
- Good agitation should be maintained during the entire application period.

If you have questions about calibration you should contact State Extension Service specialist, equipment manufacturers or other experts.

#### **Operating Instructions**

- 1) Do not apply when wind speed favors drift beyond the area intended for treatment.
- 2) The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water-source contamination from backflow.
- 3) The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- 4) The pesticide injection pipeline must also contain a functional, normally closed solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- 5) The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- 6) The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
- 7) Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- 8) Allow sufficient time for pesticide to be flushed through all lines and all nozzles before turning off irrigation water. A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.
- 9) Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.

#### **Center Pivot Irrigation Equipment**

**Notes:** (1) Use only with drive systems which provide uniform water distribution. (2) Do not use end guns when chemigating Willowood Azoxystrobin 2.08SC through center pivot systems because of non-uniform application.

- Determine the size of the area to be treated.
- Determine the time required to apply 1/8-1/2 inch of water over the area to be treated when the system and injection equipment are operated at normal pressures as specified by the equipment manufacturer. When applying Willowood Azoxystrobin 2.08SC through irrigation equipment, use the lowest obtainable water volume while maintaining uniform distribution. Run the system at 80-95% of the manufacturer's rated capacity.
- Using water, determine the injection pump output when operated at normal line pressure.
- Determine the amount of Willowood Azoxystrobin 2.08SC required to treat the area covered by the irrigation system.
- Add the required amount of Willowood Azoxystrobin 2.08SC and sufficient water to meet the injection time requirements to the solution tank.
- Make sure the system is fully charged with water before starting injection of the Willowood Azoxystrobin 2.08SC solution. Time the injection to last at least as long as it takes to bring the system to full pressure.
- Maintain constant solution tank agitation during the injection period.
- Continue to operate the system until the Willowood Azoxystrobin 2.08SC solution has cleared the sprinkler head.

#### **Solid Set, Hand Move, and Moving Wheel Irrigation Equipment**

- Determine the acreage covered by the sprinklers.
- Fill injector solution tank with water and adjust flow rate to use the contents over a 20 to 30-minute interval. When applying Willowood Azoxystrobin 2.08SC through irrigation equipment use the lowest obtainable water volume while maintaining uniform distribution.
- Determine the amount of Willowood Azoxystrobin 2.08SC required to treat the area covered by the irrigation system.
- Add the required amount of Willowood Azoxystrobin 2.08SC into the same quantity of water used to calibrate the injection period.
- Operate the system at the same pressure and time interval established during the calibration.
- Stop injection equipment after treatment is completed. Continue to operate the system until the Willowood Azoxystrobin 2.08SC solution has cleared the last sprinkler head.

#### **Specific Instructions for Public Water Systems**

1. Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.
2. Chemigation systems connected to public water systems must contain a functional reduced-pressure zone, back-flow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.
3. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
4. The pesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
5. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.
6. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

7. Do not apply when wind speed favors drift beyond the area intended for treatment.

### USE INSTRUCTIONS

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Alfalfa</b> (See Nongrass Animal Feeds Forage, Fodder, Straw and Hay)			
<b>Almonds</b>	Alternaria Leaf and Fruit Spot ( <i>Alternaria alternata</i> ) Anthracnose ( <i>Colletotrichum acutatum</i> ) Leaf Blight ( <i>Seimatosporium lichenicola</i> ) Leaf Rust ( <i>Tranzschelia discolor</i> ) Scab ( <i>Cladosporium carpophilum</i> ) Shot Hole ( <i>Wilsonomyces carophilus</i> )	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease and continue throughout the season following the resistance management guidelines. Applications may be made by ground, air or chemigation. For aerial applications apply in a minimum of 15 GPA. Thorough and uniform coverage is essential for disease control. Reduced efficacy has been observed when uniform coverage cannot be obtained.  Willowood Azoxystrobin 2.08SC may be applied by air only at growth stages prior to and including 5 weeks after petal fall. An adjuvant may be added at specified rates.
	Brown Rot Blossom Blight ( <i>Monilinia laxa, M fructicola</i> )	12.0-15.5 (0.20-0.25)	Anthracnose, scab and shot hole: Begin applications prior to disease development and continue at 7- to 14- day intervals throughout the season.  Blossom blight: Begin applications at early bloom and continue through petal fall.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 92.3 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.5 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 28 days of harvest (28-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Artichoke, Globe	Ramularia Leaf Spot ( <i>Ramularia cynarae</i> )	11.0-15.5 (0.18-0.25)	<p>Begin applications prior to or in the early stages of disease development and continue as needed throughout the season at a 2-3 week interval, up to and including the day of harvest. Do not apply at less than 7-day intervals. Applications may be made by ground, air or chemigation. For ground applications, apply in 50-200 gallons of water per acre to obtain coverage without excessive runoff. For aerial applications, apply in a minimum of 5 gallons of water per acre. An adjuvant may be added at specified rates.</p> <p>Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.</p>
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 92.3 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.5 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Asparagus	Stemphyllium Purple Spot ( <i>Stemphyllium vesicarium</i> )	6.0-15.5 (0.10-0.25)	<p>Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season on a 7- to 14-day schedule, following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates. Use a minimum of 10 gallons of water per acre by air. An adjuvant may be added at specified rates.</p> <p>Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.</p>

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Specific Use Restrictions:</b> 1) Do not apply more than 92.3 fl. oz. of product/A/season. 2) Do not apply more than 1.5 lb. a.i./A/season of azoxystrobin-containing products. 3) Do not apply within 100 days of harvest (100-day PHI).			
<b>Bananas Plantains</b>	Black Sigatoka <i>(Mycosphaerella fijiensis)</i> Yellow Sigatoka <i>(Mycosphaerella musicola)</i>	5.5-8.5 (0.09-0.135)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season every 12-14 days following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates. Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternations with a fungicide that is not in Group 11.
<b>Specific Use Restrictions:</b> 1) Do not apply more than 66.4 fl. oz. of product/A/season. 2) Do not apply more than 1.08 lb. a.i./A/season of azoxystrobin-containing products. 3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Cereals</b>	Kernel Blight ( <i>Alternaria</i> spp.)	6.0-12.0 (0.10-0.20)	Willowood Azoxystrobin 2.08SC should be applied prior to disease development. Protecting the flag leaf is important for maximizing disease control. For best results, sufficient water volume must be used to provide thorough coverage. Willowood Azoxystrobin 2.08SC can be applied by ground, air or chemigation. A crop oil concentrate adjuvant may be added at 1% v/v to optimize efficacy. For chemigation, apply in 0.1-0.25 inches/A of water. Chemigation with excessive water may lead to a decrease in efficacy. Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11. Do not make more than two (2) applications of Willowood
Barley	Leaf Rust <i>(Puccinia hordei)</i>		
Oats	Barley Stripe ( <i>Drechslera graminea</i> = <i>Pyrenophora graminea</i> )	9.0-12.0 (0.15-0.20)	
Rye	Net Blotch ( <i>Pyrenophora teres</i> )		
	Powdery Mildew <i>(Erysiphe graminis f. sp. Hordei)</i> Stagonospora Blotch <i>(Stagonospora nodorum)</i>	12.0 (0.20)	

			Azoxystrobin 2.08SC or other Group 11 fungicide per season.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply after Feekes 10.54.</li> <li>2) Do not apply more than 0.40 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 7 days of grazing or harvest (7-day PHI) for forage and hay.</li> </ol>			
Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Berries</b> <b>Bushberry</b> <b>Subgroup 13-07B</b>  Aronia Berry Blueberry, Highbush Blueberry, Lowbush Buffalo Currant Chilean Guava Cranberry, Highbush Currant, Black Currant, Red Elderberry European Barberry Gooseberry Honeysuckle, Edible Huckleberry Jostaberry Juneberry (Saskatoon Berry) Lingonberry Native Currant Salal Sea Buckthorn  Including all cultivars and/or hybrids of these.	Alternaria Fruit Rot ( <i>Alternaria</i> spp.) Anthracnose Fruit Rot ( <i>Colletotrichum gloeosporioides</i> ) Botryosphaeria Canker ( <i>Botryosphaeria</i> spp.) Mummyberry ( <i>Monilinia vaccinii-corymbosi</i> ) Phomopsis Stem Canker ( <i>Phomopsis vaccinii</i> ) Powdery Mildew ( <i>Sphaerotheca</i> spp.) Septoria Blight ( <i>Septoria</i> spp.)	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season on a 7- to 14-day schedule, following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 46 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 0.75 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Berries,</b> <b>Caneberry Subgroup</b> <b>13-07A</b>  Blackberry Bingleberry	Anthracnose ( <i>Spaceloma necator</i> ) ( <i>Elsinoe veneta</i> ) Botryosphaeria Canker ( <i>Botryosphaeria dothidea</i> )	6.0-15.5 (0.10-0.25)	Begin applications at onset of disease and continue until harvest. Make applications on a 7- to 14-day schedule. Use a minimum water volume of 10 gallons per acre by ground and a minimum of 3 gallons

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Boysenberry Dewberry Lowberry Marionberry Olallieberry Youngberry Loganberry Red and Black Raspberry Wild Raspberry  Including all cultivars and/or hybrids of these	Colletotrichum Rot ( <i>Colletotrichum gloeosporioides</i> ) Leaf Spot ( <i>Septoria rubi</i> ) ( <i>Sphaerulina rubi</i> ) Powdery Mildew ( <i>Sphaerotheca macularis</i> ) Rosette or Double Blossom of Blackberries ( <i>Cercospora rubi</i> ) Spur Blight ( <i>Didymella applanata</i> )  Blackberry Rust ( <i>Phragmidium</i> spp.)	             10-15.5 (0.16-0.25)	by air.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 92.3 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.5 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Berry, Low Growing Subgroup 13-07G</b> (except Cranberry)  Strawberry  See additional crops below.	Anthrachnose ( <i>Colletotrichum fragariae</i> ) Leather Rot ( <i>Phytophthora cactorum</i> ) Powdery Mildew ( <i>Sphaerotheca macularis</i> )  Suppression of Botrytis on the Foliage ( <i>Botrytis cinerea</i> )	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season on a 7- to 10- day schedule, following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  For leather rot control apply 2 applications on a 7-day schedule from late bloom through harvest.  <b>For dip applications at transplanting for commercial berry production:</b> For suppression of root and crown rot caused by <i>Colletotrichum</i> spp., mix 5-8 fl. oz. of Willowood Azoxystrobin 2.08SC per 100 gallons of water. Dip plants for 2-5 minutes. Plant treated plants as quickly as possible. It is recommended that transplants be washed to remove excess soil prior



Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
			to dipping. For continued anthracnose control, follow with foliar applications beginning 2-3 weeks after transplant.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	<b>Soilborne Diseases</b> Seedling Root Rot, Basal Stem Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.
<b>Additional Low Growing Berries:</b> Bearberry, Bilberry, Cloudberry, Muntries, Partridgeberry including all cultivars and/or hybrids of these.			
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 61.5 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.0 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not use in plant propagation nurseries.</li> <li>4) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Brassica Head and Stem Subgroup</b>  Broccoli Chinese Broccoli (gai lon) Brussels Sprouts Cabbage Chinese Cabbage (napa) Chinese Mustard Cabbage (gai choy) Cauliflower Cavalo Broccolo Kohlrabi  Including all cultivars and/or hybrids of these	Alternaria Leaf Spot ( <i>Alternaria</i> spp.) Downy Mildew ( <i>Peronospora parasitica</i> ) Pin Rot ( <i>Alternaria</i> spp.)	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season on a 7- to 14-day schedule, following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates. Use a minimum of 10 gallons of water per acre by ground, and minimum of 3 gallons per acre by air.  Do not apply more than two applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 92.3 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.5 lb. a.i./A/season azoxystrobin-containing products.</li> <li>3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Brassica Leafy Greens Subgroup</b>  Broccoli Raab Cabbage, Chinese Collards Kale Mizuna Mustard Greens Mustard Spinach Rape Greens  Including all cultivars and/or hybrids of these	Black Spot ( <i>Alternaria</i> spp.) Cercospora Leaf Spot ( <i>Cercospora</i> spp.) White Rust ( <i>Albugo candida</i> )	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season on a 7- to 14-day schedule, following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	<b>Soilborne Diseases</b> Seedling Root Rot, Basal Stem Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.
<b>Specific Use Restrictions:</b> 1) Do not apply more than 46 fl. oz. of product/A/season. 2) Do not apply more than 0.75 lb. a.i./A/season of azoxystrobin-containing products. 3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Bulb Vegetables Crop Group 3-07</b>  Garlic Leek Onion, bulb Daylily, bulb Fritillaria, bulb Garlic, bulb Garlic, great-headed, bulb Garlic, serpent, bulb Lily, bulb Onion, bulb Onion, Chinese, bulb Onion, pearl	<b>Foliar Diseases</b> Cladosporium Leaf Blotch ( <i>Cladosporium allii</i> ) Purple Blotch ( <i>Alternaria porri</i> ) Rust ( <i>Puccinia allii</i> )	6.0-12.0 (0.10-0.20)	For downy mildew, make preventative applications on a 5- to 7-day schedule.  For all other diseases, Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season every 7-14 days following the resistance management guidelines. Applications may be made by ground, air or chemigation. If applications are made by air, the higher rates should be used for adequate control. An adjuvant may
	Botrytis Leaf Blight ( <i>Botrytis aclada</i> ) Downy Mildew ( <i>Peronospora destructor</i> )	9.0-15.5 (0.15-0.25)	

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Onion, potato, bulb Shallot, bulb Onion, green Chive, fresh leaves Chive, Chinese, fresh leaves Elegans, hosta Fritillaria, leaves Kurrat Lady's leek Leek Leek, wild Onion, Beltsville bunching Onion, fresh Onion, green Onion, macrostem Onion, tree, tops Onion, Welsh, tops Shallot, fresh leaves  Including all cultivars and/or hybrids of these			be added at specified rates.  Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.  Mixtures of Willowood Azoxystrobin 2.08SC with insecticides and silicone adjuvants must be tested for crop safety before application to the crop.
	<b>Soilborne Diseases</b> Rhizoctonia Damping- Off ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions under the <b>SOILBORNE/SEEDLING DISEASE  CONTROL</b> section. If the application is an in-furrow application, the spray should be made just prior to seed placement so that the majority of the chemical is under the seed. This will reduce the potential for phytotoxicity, especially if fertilizer is added to the application.
<b>Specific Use Restrictions:</b> 1) Do not apply more than 92.3 fl. oz. of product/A/season. 2) Do not apply more than 1.5 lb. a.i./A/season of azoxystrobin-containing products. 3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Canola</b> (see Oilseed Crops for additional information)	Alternaria Blackspot ( <i>Alternaria</i> spp.) Blackleg ( <i>Leptosphaeria  maculans</i> ) Sclerotinia Stem Rot ( <i>Sclerotinia</i> )	6.0-15.5 (0.10-0.25)	In general, apply 7.0 fl. oz. of Willowood Azoxystrobin 2.08SC at early bud followed by 14.0 fl. oz. at about 45 days before harvest. A third application of 7.0 fl. oz. may be

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
	<i>sclerotiorum</i> )		<p>made 30 days before harvest.</p> <p>Specifically for blackleg, Willowood Azoxystrobin 2.08SC applications should be made at the 2- to 4-leaf stage. For Alternaria or Sclerotinia, 9.0-15.5 fl. oz. product/A should be applied at 10-25% flowering (3-7 days following first flower). Use the higher rate under heavy disease pressure or when conditions are favorable for disease. For control of Alternaria alone, 8.0 fl. oz. product/A may be applied at pod stage (approximately 95% petal fall).</p> <p>Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in the Group 11.</p> <p>Applications may be made by ground, air or chemigation. Use a minimum of 10 gallons of water per acre for ground applications.</p>
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 27.6 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 0.45 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 30 days of harvest (30-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Carrots	Early Blight ( <i>Cercospora carotae</i> ) Late Blight ( <i>Alternaria dauci</i> ) White Mold ( <i>Sclerotium rolfsii</i> )  For additional diseases, see Vegetables, Root, Subgroup.	9.0-20.0 (0.15-0.33)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season every 7-14 days following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	<b>Soilborne Diseases</b> Rhizoctonia Root Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 123 fl. oz. product/A/season.</li> <li>2) Do not apply more than 2.0 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Celery	Early Blight ( <i>Cercospora apii</i> ) Late Blight ( <i>Septoria apicola</i> )  For additional diseases, see Leafy Vegetables.	9.0-15.5 (0.15-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season every 7-14 days following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	<b>Soilborne Diseases</b> Rhizoctonia Root Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.

**Specific Use Restrictions:**

- 1) Do not apply more than 92.3 fl. oz. of product/A/season.
- 2) Do not apply more than 1.5 lb. a.i./A/season of azoxystrobin-containing products.
- 3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Christmas Trees</b>	Diplodia Tip Blight ( <i>Diplodia pinea</i> ) Lophodermium Needlecast ( <i>Lophodermium pinastri</i> ) Swiss Needlecast ( <i>Phaeocryptopus gaumannii</i> )	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season at 7- to 21-day intervals following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.

**Specific Use Restrictions:**

- 1) Do not apply more than 123 fl. oz. product/A/season.
- 2) Do not apply more than 2.0 lb. a.i./A/season of azoxystrobin-containing products.

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Citrus Fruit Crop Group 10-10</b>  Calamondin Citron Grapefruit Kumquat Lemon Lime Mandarin Orange (sour and sweet) Pummelo Satsuma Mandarin Tangerine  Including all cultivars and/or hybrids of these.	Albinism ( <i>Alternaria alternata</i> pv <i>citri</i> ) Alternaria Leaf and Fruit Spot ( <i>Alternaria citri</i> ) Cercospora Leaf Spot ( <i>Cercospora</i> spp.) Diplodia Stem-End Rot ( <i>Diplodia natalensis</i> ) Greasy Spot ( <i>Mycosphaerella citri</i> ) Melanose ( <i>Diaporthe citri</i> ) Penicillium Decays Green Mold, Whisker Mold, Suppression of Blue Mold ( <i>Penicillium</i> spp.) Phomopsis Stem-End Rot ( <i>Phomopsis citrii</i> )	12.0-15.5 (0.20-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season on 7- to 21-day intervals following the resistance management guidelines. Under conditions that favor severe disease epidemics, the higher application rates should be used. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates. A horticultural spray oil should be used to improve control of greasy spot.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
See complete list of citrus fruit crops below.	Post Bloom Fruit Drop (PFD) ( <i>Colletotrichum acutatum</i> ) Powdery Mildew ( <i>Erysiphe</i> spp.) Scab ( <i>Elsinoe fawcettii</i> ) Sweet Orange Scab ( <i>Elsinoe australis</i> )		a fungicide that is not in Group 11. Do not make more than four (4) applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicide per season.
	Black Spot ( <i>Guidnardia citricarpa</i> )	9.0-15.5 (0.15-0.25)	
Pummelo Citrus Hybrid (Uniq fruit only)	<b>Soilborne Diseases</b> Seedling Root Rot, Basal Stem Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.
<b>Complete List of Citrus Fruit Crops:</b> Australian Desert Lime ( <i>Eremocitrus glauca</i> ); Australian Finger Lime ( <i>Microcitrus australasica</i> ); Australian Round Lime ( <i>Microcitrus australis</i> ); Brown River Finger Lime ( <i>Microcitrus papuana</i> ); Calamondin ( <i>Citrofortunella microcarpa</i> ); Citron ( <i>Citrus medica</i> ); Citrus Hybrids, <i>Citrus</i> spp., <i>Eremocitrus</i> spp., <i>Fortunella</i> spp., <i>Microcitrus</i> spp., and <i>Poncirus</i> spp.; Grapefruit ( <i>Citrus paradise</i> ); Japanese Summer Grapefruit ( <i>Citrus natsudaidai</i> ); Kumquat ( <i>Fortunella</i> spp.); Lemon ( <i>Citrus limon</i> ); Lime ( <i>Citrus aurantiifolia</i> ); Mediterranean Mandarin ( <i>Citrus deliciosa</i> ); Mount White Lime ( <i>Microcitrus garrowayae</i> ); New Guinea Wild Lime ( <i>Microcitrus warburgiana</i> ); Orange, Sour ( <i>Citrus aurantium</i> ); Orange, Sweet ( <i>Citrus sinensis</i> ); Pummelo ( <i>Citrus maxima</i> ); Russell River Lime ( <i>Microcitrus inodora</i> ); Satsuma Mandarin ( <i>Citrus unshiu</i> ); Sweet Lime ( <i>Citrus limetta</i> ); Tachibana Orange ( <i>Citrus tachibana</i> ); Tahiti Lime ( <i>Citrus latifolia</i> ); Tangelo ( <i>Citrus x tangelo</i> ); Tangerine (Mandarin) ( <i>Citrus reticulata</i> ); Tangor ( <i>Citrus nobilis</i> ); Trifoliolate Orange ( <i>Poncirus trifoliata</i> ); Uniq Fruit ( <i>Citrus aurantium</i> Tangelo group); cultivars, varieties and/or hybrids of these.			
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 92.3 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.5 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not use Willowood Azoxystrobin 2.08SC in citrus plant propagation nurseries.</li> <li>4) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Clover (and stands containing Clover)</b> (See Nongrass Animal Feeds Forage, Fodder, Straw and Hay)			

<b>Corn</b>  Field Pop Sweet (Includes Seed Production)	Rust ( <i>Puccinia sorghi</i> )	6.0-9.0 (0.10-0.15)	For gray leaf spot, apply Willowood Azoxystrobin 2.08SC at the onset of disease. A second application may be required 14 days later if disease pressure persists.  For all other diseases, Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and may continue throughout the season every 7-14 days following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11. For field corn and field corn grown for seed, do not make more than two (2) applications per season.
	Anthracnose Leaf Blight ( <i>Colletotrichum graminicola</i> ) Eye Spot ( <i>Aureobasidium zeae</i> ) Gray Leaf Spot ( <i>Cercospora sorghi</i> ) Northern Corn Leaf Blight ( <i>Setosphaeria turcica</i> ) North Corn Leaf Spot ( <i>Cochliobolus carbonum</i> ) Southern Corn Leaf Blight ( <i>Cochliobolus heterostrophus</i> )	6.0-15.5 (0.10-0.25)	
	Early Application (V4-V8)	6.0 (0.10)	Apply Willowood Azoxystrobin 2.08SC early (V4-V8) for early season disease control and beneficial physiological benefits. If mixing with herbicides, other than solo glyphosate products, Callisto®, Callisto® Xtra, or Halex® GT, consult your local Willowood, LLC representative.
	<b>Soilborne Diseases</b> Rhizoctonia Root and Stalk Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.
<b>Specific Use Restrictions:</b> 1) Do not apply more than 123 fl. oz. of product/A/season. 2) Do not apply more than 2.0 lb. a.i./A/season of azoxystrobin-containing products. 3) Do not apply within 7 days of harvest (7-day PHI).			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Cotton	Anthracnose ( <i>Glomerella gossypii</i> ) Ascochyta Blight ( <i>A. gossypii</i> ) Boll Rot ( <i>A. gossypii</i> ) Cotton Rust ( <i>Puccinia</i> )	6.0-9.0 (0.1-0.15)	For optimum disease control, Willowood Azoxystrobin 2.08SC applications should begin prior to or in the early stages of disease development. Applications may be made by ground, air, or chemigation.



Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
	<i>schedonnardi</i> Hardlock ( <i>Fusarium verticillioides</i> ) Southwestern Cotton Rust ( <i>Puccinia cacabata</i> )		<p>An adjuvant may be added at specified rates. Minimum application volumes for air and ground are 5 and 10 gallons per acre, respectively.</p> <p>The first Willowood Azoxystrobin 2.08SC application should be targeted approximately at pinhead square to first bloom to protect the plant from diseases. Subsequent application(s) are specified on a 14-21-day schedule. An additional application may be made depending on environmental conditions and the health of the cotton plant.</p> <p>Under poor environmental conditions conducive to seedling disease and poor cotton growth, Willowood Azoxystrobin 2.08SC may be applied to early season cotton to suppress damping off and other diseases which result in plant stand loss.</p> <p>Do not apply more than two foliar applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternating with a fungicide that has a different mode of action. Do not make more than three (3) foliar applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides per crop per acre per year.</p>
	Pythium Seedling Blight ( <i>Pythium aphanidermatum</i> ) Rhizoctonia Seedling Blight ( <i>Rhizoctonia solani</i> )	<b>In-Furrow</b> 0.40-0.80 fl. oz. product per 1000 row feet (0.10-0.20 oz. a.i. per 1000 row feet)	<p><b>Willowood Azoxystrobin 2.08SC Application Directions:</b> Apply Willowood Azoxystrobin 2.08SC as an in-furrow spray in 3-7 gallons of water at planting. Mount the spray nozzle so the spray is directed into the furrow just before the seed are covered. Use the higher rate when the weather conditions are expected to be conducive for disease development, if the field has a history of Pythium problems, or if minimum/low till programs are in place.</p> <p>See the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section for table illustrating total fluid ounces per acre with various row spacings.</p>
<b>Specific Use Restrictions:</b>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
1) Do not apply more than 27 fl. oz. of product/crop/season as a foliar spray. 2) Willowood Azoxystrobin 2.08SC may be applied up to 45 days before harvest (45-day PHI).			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Cranberry Subgroup 13-07H (except Strawberry)</b>  Bearberry Bilberry Blueberry, Lowbush Cloudberry Lingonberry Muntries Partridgeberry  Including all cultivars and/or hybrids of these	Cottonball ( <i>Monilinia oxycocci</i> ) Fruit Rots ( <i>Physalospora vaccinii</i> ) ( <i>Glomerella cingulata</i> ) ( <i>Coleophoma empetri</i> ) Lophodermium Twig Blight ( <i>Lophodermium</i> spp.)	6.0-15.5 (0.10-0.25)	Begin applications at 5-10% bloom for fruit rot, cottonball, and twig blight. Continue applications on a 7- to 14-day schedule if conditions are favorable for disease development. Applications may be made by ground, chemigation or air.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternations with a fungicide that is not in Group 11.
	Fairy Ring (suppression) ( <i>Psilocybe</i> spp.)	15.5 (0.25)	Make the first application at bud break. Measure the ring diameter and add 10 feet to that diameter. Apply Willowood Azoxystrobin 2.08SC at a rate equivalent to 15.5 fl. oz./A in 30-100 gallons of water to the affected area. Irrigation (1-2 hours) following application is advisable to ensure penetration to the base of the plant. If necessary make another application 2-4 weeks later. For ground application ensure adequate water volume for thorough canopy penetration.
<b>Specific Use Restrictions:</b> 1) Do not apply more than 92.3 fl. oz. of product/A/season. 2) Do not apply more than 1.5 lbs. a.i./A/season of azoxystrobin-containing products. 3) Do not treat cranberry fields used for aquaculture of fish and crustacea. 4) Do not apply when weather conditions favor drift from treated areas to non-target aquatic habitat. Applicators should use care in making applications near non-target aquatic habitats. 5) Do not apply to flooded crop. 6) Do not allow release of irrigation or flood water to non-target aquatic habitat for at least 14 days after the last application. 7) Do not apply within 3 days of harvest (3-day PHI).			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Cucurbits</b>  Cantaloupe Chayote Chinese-Waxgourd Cucumber Gourds Honeydew Melons <i>Momordica</i> spp. (bitter melon, balsam apple) Muskmelon Watermelon Pumpkin Squash Zucchini  Including cultivars and/or hybrids of these.	<b>Anthracnose</b> ( <i>Colletotrichum lagenarium</i> ) Belly Rot ( <i>Rhizoctonia solani</i> ) Downy Mildew ( <i>Pseudoperonospora cubensis</i> ) Gummy Stem Blight ( <i>Didymella bryoniae</i> ) Leaf Spots ( <i>Alternaria</i> spp., <i>Cercospora</i> spp.) Myrothecium Canker ( <i>Myrothecium roridum</i> ) Plectosporium Blight ( <i>Plectosporium tabacinum</i> ) Powdery Mildew ( <i>Sphaerotheca fuliginea</i> , <i>Erysiphe cichoracearum</i> ) Ulocladium Leaf Spot ( <i>Ulocladium cucurbitae</i> )	6.0-15.5 (0.10-0.25)	For both downy and powdery mildew, make preventative applications on a 5- to 7-day schedule. For belly rot control, the first application should be made at the 1-3 leaf crop stage with a second application just prior to vine tip over or 10-14 days later whichever occurs first. For all other diseases, Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season every 7-14 days following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not tank mix Willowood Azoxystrobin 2.08SC with crop oil concentrates (COC), methylated spray oil (MSO) or silicon adjuvants.  Do not tank mix Willowood Azoxystrobin 2.08SC with Malathion, Kelthane®, Thiodan®, Phaser®, Lannate®, Lorsban®, M-Pede® or Botran®.  Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11. Do not make more than four (4) foliar applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides per crop per acre per year.
	<b>Soilborne Diseases</b> Rhizoctonia Root Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.
<b>Specific Use Restrictions:</b> 1) Do not apply more than 92.3 fl. oz. of product/A/season. 2) Do not apply more than 1.5 lbs. a.i./A/season of azoxystrobin-containing products. 3) Do not apply within 1 day of harvest (1-day PHI).			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Fruiting Vegetables Crop Group 8-10</b>  <b>Pepper</b> Bell Pepper Non-Bell Pepper Sweet Non-Bell Pepper  <b>Eggplant</b> <b>Okra</b> <b>Pepino</b>  Including all cultivars and/or hybrids of these.  <b>See specific directions for use for Tomatoes.</b>  See complete list of fruiting vegetables below.	Anthracnose ( <i>Colletotrichum</i> spp.) Powdery Mildew ( <i>Sphaerotheca</i> spp.)	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season on a 7- to 14-day schedule, following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	<b>Soilborne Diseases</b> Rhizoctonia Seedling Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.
<b>Complete List of Fruiting Vegetables:</b> African Eggplant; Bell Pepper; Eggplant; Martynia; Nonbell Pepper; Okra; Pea Eggplant; Pepino; Roselle; Scarlet Eggplant; cultivars, varieties; and/or hybrids of these.			
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 61.5 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.0 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Grapes and Other Small Fruit Vine Climbing Subgroup 13-07F (except fuzzy kiwifruit)</b>  Amur River Grape Kiwifruit, Hardy Maypop Muscadines Schisandra Berry  Including all cultivars and/or hybrids of these.	Black Rot ( <i>Guignardia bidwellii</i> ) Downy Mildew ( <i>Plasmopara viticola</i> ) Phomopsis Cane and Leaf Spot ( <i>Phomopsis viticola</i> ) Powdery Mildew ( <i>Uncinula necator</i> )  <b>Suppression Only:</b> Botrytis Bunch Rot ( <i>Botrytis cinerea</i> )	10.0-15.5 (0.16-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season every 10-14 days following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than two sequential foliar applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
			<p>alternating with a fungicide that is not in Group 11.</p> <p><b>ATTENTION</b></p> <p>Willowood Azoxystrobin 2.08SC is extremely phytotoxic to certain apple varieties.</p> <p>AVOID SPRAY DRIFT. Extreme care must be used to prevent injury to apple trees (and apple fruit).</p> <p>DO NOT spray Willowood Azoxystrobin 2.08SC where spray drift may reach apple trees.</p> <p>DO NOT use spray equipment which has been previously used to apply Willowood Azoxystrobin 2.08SC to spray apple trees. Even trace amounts can cause unacceptable phytotoxicity to certain apple and crabapple varieties.</p> <p>AVOIDING SPRAY DRIFT IS THE RESPONSIBILITY OF THE APPLICATOR.</p>
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 92.3 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.5 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 14 days of harvest (14-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Grasses (grown for seed)	Ergot Stem Diseases Powdery Mildew ( <i>Erysiphe graminis</i> ) Rust ( <i>Puccinia</i> spp.)	6.0-15.5 (0.10-0.25)	<p>Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season on a 10- to 14-day schedule, following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.</p> <p>Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.</p>
<b>Specific Use Restrictions:</b>			

- 1) Do not apply more than 49 fl. oz. of product/A/season.
- 2) Do not apply more than 0.8 lb. a.i./A/season of azoxystrobin-containing products.
- 3) Do not feed treated straw, seed or screenings to livestock.
- 4) Willowood Azoxystrobin 2.08SC may be applied up to 8 days prior to harvest (swathing)(8-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Herbs &amp; Spices (except black pepper) Crop Group 19</b>  Allspice; Angelica; Anise (seed); Anise, star; Annatto; Balm; Basil; Borage; Burnet; Camomile; Caper (buds); Caraway; Caraway, black; Cardamon; Cassia (buds); Catnip; Celery Seed; Chervil (dried); Chive; Chive, Chinese; Cinnamon; Clary; Clove (buds); Coriander (cilantro) or Chinese parsley)(leaf); Coriander (seed); Costmary; Culantro (leaf and seed); Cumin, Curry (leaf); Dill (seed); Dillweed; Fennel, Common; Fennel, Florence (seed); Fenugreek; Grains of Paradise; Horehound; Hyssop; Juniper (berry); Lavender; Lemongrass; Lovage (leaf and seed); Mace; Marigold; Marjoram; Mustard (seed); Nasturtium; Nutmeg; Parsley (dried); Pennyroyal; Pepper, White; Poppy Seed; Rosemary; Rue; Saffron; Sage; Savory, Summer and Winter Sweet Bay; Tansy; Tarragon; Thyme;	Corynespora Blight ( <i>Corynespora cassicola</i> ) Dill Blight ( <i>Cercosporidium punctum</i> ) Phoma Blight ( <i>Passalora puncta</i> )	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin at the onset of disease development and continue throughout the season on a 7-day schedule, following the resistance management guidelines. Applications may be made by ground only. An adjuvant may be added at specified rates. Use a minimum of 30 gallons of water per acre.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Vanilla; Wintergreen; Woodruff; Wormwood			
Wasabi	Fusarium Rhizome and Root Rot ( <i>Pythium</i> spp.)	6.2-15.4 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin at the onset of disease development and continue throughout the season on a 7-day schedule, following the resistance management guidelines. Applications may be made by ground or through the irrigation system (chemigation). An adjuvant may be added at specified rates. Use a minimum of 30 gallons of water per acre.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with fungicide that is not in Group 11.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 92.3 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.5 lbs. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Leafy Vegetables (except brassica)</b>	<b>Foliar Diseases</b>	6.0-15.5 (0.10-0.25)	For both downy and powdery mildew, make preventative applications on a 5- to 7-day schedule.  For all other diseases, Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season every 7-14 days following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.
Amaranth	Alternaria Leaf Spot ( <i>Alternaria sonchi</i> , <i>A. spp.</i> )		
Arugula	Anthrachnose ( <i>Microdochium panattonianum</i> , <i>Colletotrichum dematium</i> )		
Cardoon	Cercospora Leaf Spot ( <i>Cercospora</i> spp.)		
Celery	Septoria Leaf Spot ( <i>Septoria petroselini</i> )		
Celtuce	White Rust ( <i>Albugo occidentalis</i> )		
Chervil			
Chrysanthemum, Edible			
Corn Salad			
Cress			
Dandelion			
Dock			
Endive	Downy Mildew ( <i>Bremia lactucae</i> )	12.0-15.5 (0.20-0.25)	Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
Fennel	Powdery Mildew ( <i>Erysiphe cichoracearum</i> )		
Lettuce, Head and Leaf			
Orach			
Parsley			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Purslane Radicchio Rhubarb Spinach Swiss Chard  Including cultivars and/or hybrids of these			<b>ATTENTION:</b> Applications of Willowood Azoxystrobin 2.08SC to leafy vegetable foliage have contributed to phytotoxicity under certain circumstances. Proceed with caution with regard to tank mixes and adjuvants when treating all leafy vegetables with Willowood Azoxystrobin 2.08SC. Willowood Azoxystrobin 2.08SC must not be tank mixed on leaf lettuce with Ambush® WP, Pounce® WP, Aliette®, Warrior with Zeon Technology®, or another product that may increase the penetration of Willowood Azoxystrobin 2.08SC into the leaf surface, such as, but not limited to silicone wetters.
	<b>Soilborne Diseases</b> Webb Blight, Bottom Rot, Crater Rot, Root Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 92.3 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.5 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Legume Vegetables, Dry and Succulent and Legume Vegetables, Foliage of any Cultivar of Bean (<i>Phaseolus</i> spp.) and Field Pea (<i>Pisum</i> spp.)</b>  Bean ( <i>Lupinus</i> spp.) (includes grain lupin, sweet lupin, white lupin, and white sweet lupin) Bean ( <i>Phaseolus</i> spp.) (includes field bean, kidney bean, lima bean, navy bean, pinto bean, runner bean,	Bean Rust ( <i>Uromyces appendiculatus</i> )	6.0 (0.10)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season every 7-14 days following the resistance management guidelines. Use the higher rates under severe disease pressure. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates. For rust, use of a non-ionic surfactant is recommended.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	Alternaria Blight ( <i>Alternaria</i> spp.) Alternaria Leaf Spot ( <i>Alternaria alternata</i> ) Anthracnose ( <i>Colletotrichum lindemuthianum</i> ) Ascochyta Blight ( <i>Mycosphaerella pinodes</i> ) Ascochyta Leaf and Pod Spot ( <i>Ascochyta</i> spp.) Ascochyta Leaf Spot ( <i>Ascochyta phaseolorum</i> ) Rust ( <i>Phakopsora</i> spp.)	6.0-15.5 (0.10-0.25)	



Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
snap bean, tepary bean, wax bean) Bean ( <i>Vigna</i> spp.) (includes adzuki bean, asparagus bean, blackeyed pea, cowpea, catjang, Chinese longbean, crowder pea, moth bean, mung bean, rice bean, southern pea, urd bean, yardlong bean) Bean ( <i>Glycine</i> max) Soybean, Immature Seed (edamame) Broad bean (fava bean) ( <i>Vicia faba</i> ) Chickpea (garbanzo bean)( <i>Cicer arietinum</i> ) Guar ( <i>Cyamopsis tetragonoloba</i> ) Jackbean ( <i>Canavalia ensiformis</i> ) Lablab Bean (hyacinth bean)( <i>Lablab purpureus</i> ) Lentil ( <i>Lens esculenta</i> ) Pea ( <i>Pisum</i> spp.) (Includes dwarf pea, edible-pod pea, English pea, garden pea, green pea, field pea, snow pea, sugar snap pea) Pigeon Pea ( <i>Cajanus cajan</i> ) Sword Bean ( <i>Canavalia gladiata</i> )	Southern Blight ( <i>Sclerotium rolfsii</i> ) Web Blight ( <i>Rhizoctonia solani</i> )		
	<b>Soilborne Disease</b> Rhizoctonia Root Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.  Willowood Azoxystrobin 2.08SC can be applied to the furrow and covering soil at planting in a 7-inch band. Avoid a concentrated stream directly on the seed or delayed emergence may occur.  If using a narrow spray as an in-furrow spray, adjust the spray stream to hit the soil next to the seed but not hit the seed. NOTE: Conduct a seed safety test with your crop before making in-furrow applications.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 92.3 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.5 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 14 days of harvest (14-day PHI) of dry legume vegetables (dry bean and dry pea seeds).</li> <li>4) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI) for succulent beans and peas.</li> <li>5) For use on soybeans, please refer to the soybean crop directions for use.</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Mint (Fresh or for processing into mint oil)	Powdery Mildew ( <i>Erysiphe</i> spp.) Rust ( <i>Puccinia menthae</i> )	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season on a 7- to 10-day schedule, following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	Soilborne Diseases Seedling Root Rot, Basal Stem Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 46 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 0.75 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) For processed mint, do not apply within 7 days of harvest (7-day PHI).</li> <li>4) For fresh mint, Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Nongrass Animal Feeds Forage, Fodder, Straw and Hay</b>  For pure/mixed stands of the following or stands mixed with grasses:  Alfalfa ( <i>Medicago sativa</i> subsp. <i>sativa</i> ) Bean, Velvet ( <i>Mucuna pruriens</i> var. <i>utilis</i> ) Clover ( <i>Trifolium</i> spp., <i>Melilotus</i> spp.) Kudzu ( <i>Pueraria lobata</i> ) Lespedeza ( <i>Lespedeza</i> spp.)	Alternaria Leaf Spot ( <i>Alternaria</i> spp.) Cercospora Leaf Spot ( <i>Cercospora</i> spp.) Powdery Mildew ( <i>Oidium</i> spp., <i>Erysiphe</i> spp.)  Rust ( <i>Phakopsora</i> spp.)	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season. Use the higher rates under severe disease pressure. Applications may be made by ground, air or chemigation. Use of an additive such as crop oil concentrate or non-ionic surfactant is recommended.  For management of outbreaks of Asian soybean rust and other <i>Puccinia</i> species on alternate host species such as kudzu, lespedeza, trefoil and vetch, apply Willowood Azoxystrobin 2.08SC to forages grown in the vicinity of soybeans and other legume crops (beans and peas) as a part of an Asian rust disease management strategy. Consult with local experts and

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Lupin ( <i>Lupinus</i> spp.) Sainfoin ( <i>Onobrychis viciifolia</i> ) Trefoil ( <i>Lotus</i> spp.) Vetch ( <i>Vicia</i> spp.) Vetch, Crown ( <i>Coronilla varia</i> ) Vetch, Milk ( <i>Astragalus</i> spp.)			university extension agents for the latest advice.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 0.25 lb. a.i./A per cutting.</li> <li>2) Do not apply more than 0.75 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 14 days of grazing or harvest (14-day PHI) for forage and hay.</li> <li>4) Not for use on rangeland.</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Oilseed Crops</b> <b>Crop Group 20</b>  Crambe Flax Mustard, Indian Mustard, Field Mustard, Black Rapeseed Rapeseed, Indian Safflower Sunflower  Including all cultivars and/or hybrids of these  See complete list of oilseed crops below.	Alternaria Leaf Spot ( <i>Alternaria</i> spp.) Downy Mildew ( <i>Plasmopora halstedii</i> , <i>Plasmopora helianthi</i> ) Pasm ( <i>Septoria linicola garass</i> ) Sunflower Rust ( <i>Puccinia helianthi</i> )	6.0-15.5 (0.1-0.25)	Apply 6.0 fl. oz. of Willowood Azoxystrobin 2.08SC at early bud followed by 14.0 fl. oz. at about 45 days before harvest. A third application of 7.0 fl. oz. may be made 30 days before harvest. Applications may be made by ground, air or chemigation. Use a minimum of 10 gallons of water per acre for ground applications.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
<b>Complete List of Oilseed Crops:</b> Borage; Calendula; Castor Oil Plant; Chinese Tallowtree; Cottonseed; Crambe; Cuphea; Echium; Euphorbia; Evening Primrose; Flax Seed; Gold of Pleasure; Hare's Ear Mustard; Jojoba; Lesquerella; Lunaria; Meadowfoam; Milkweed; Mustard Seed; Niger Seed; Oil Radish; Poppy Seed; Rapeseed; Rose Hip; Safflower; Sesame; Stokes Aster; Sunflower; Sweet Rocket; Tallowwood; Tea Oil Plant; Vernonia; cultivars, varieties, and/or hybrids of these.			
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 27 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 0.45 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 30 days of harvest (30-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Peanuts	<b>Soilborne Diseases – early season (in-furrow application)</b> Aspergillus Crown Rot ( <i>Aspergillus niger</i> ) Pythium Damping Off ( <i>Pythium</i> spp.) Stem Rot/White Mold Suppression ( <i>Sclerotium rolfsii</i> )	0.40-0.80 fl. oz./1000 row feet	Apply Willowood Azoxystrobin 2.08SC in-furrow at planting for control of various seed/seedling diseases including early season suppression of stem rot. See directions and rates under <b>PRODUCT INFORMATION</b> section.
	<b>Soilborne Diseases – mid-late season</b> Rhizoctonia Peg and Pod Rot ( <i>Rhizoctonia solani</i> ) Stem Rot/White Mold ( <i>Sclerotium rolfsii</i> )  <b>Suppression Only:</b> Cylindrocladium Black Rot ( <i>Cylindrocladium crotalariae</i> ) Pythium Pod Rot ( <i>Pythium myriotylum</i> )	12.0-24.5 (0.20-0.40)	Willowood Azoxystrobin 2.08SC should be applied at approximately 60 and 90 days after planting as a foliar application. This application regime may be applied earlier in the season if environmental conditions favor disease development. These two applications of Willowood Azoxystrobin 2.08SC will provide protection against the soil borne diseases and will also provide control of the foliar diseases listed for a 10- to 14-day period after each spray. Under heavy disease pressure and/or where there is a high rainfall and/or irrigation, use 18.5-24.5 fl. oz./A. For light disease pressure and dry environmental conditions (non-irrigated, low rainfall), use 12.0-24.5 fl. oz./A. For control of Pythium, a rate of 24.5 fl. oz./A is required. Additional applications of other fungicides on a leaf spot application schedule will be required to provide season-long disease control of the leaf spot diseases. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.
	<b>Foliar Diseases</b> Early Leaf Spot ( <i>Cercospora arachidicola</i> ) Late Leaf Spot ( <i>Cercosporidium personatum</i> ) Rust ( <i>Puccinia arachidis</i> ) Web Blotch ( <i>Phoma arachidicola</i> )	6.0-18.5 (0.10-0.30)	For foliar disease control only, a lower rate of Willowood Azoxystrobin 2.08SC may be applied on a 10- to 14-day interval.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
<b>Specific Use Restrictions:</b> 1) Do not apply more than 49 fl. oz. of product/A/season. 2) Do not apply more than 0.8 lb. a.i./A/season of azoxystrobin-containing products. 3) Do not apply within 14 days of harvest (14-day PHI).			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Pecans	Anthrachnose ( <i>Glomerella cingulata</i> ) Scab ( <i>Cladosporium caryigenum</i> )	6.0-12.0 (0.10-0.20)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season on 7- to 21-day intervals following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 73.8 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.2 lbs. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 45 days of harvest (45-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Pistachios	Alternaria Late Blight ( <i>Alternaria alternata</i> ) Botryosphaeria Panicle and Shoot Blight ( <i>Botryosphaeria dothidea</i> ) Septoria Leaf Spot ( <i>Septoria pistaciarum</i> )	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season on 7- to 21-day intervals following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 92.3 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.5 lbs. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 7 days of harvest (7-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Potatoes	Black Dot ( <i>Colletotrichum coccodes</i> ) Early Blight ( <i>Alternaria solani</i> ) Late Blight ( <i>Phytophthora infestans</i> ) Powdery Mildew ( <i>Erysiphe cichoracearum</i> )	6.0-20.0 (0.10-0.33)	<p><b>Early Blight</b> – For a 7-day application schedule, use Willowood Azoxystrobin 2.08SC at 6.0 fl. oz. product/A. For a 14-day application schedule, use a 12.0 fl. oz. product/A rate.</p> <p><b>Late Blight</b> – Apply Willowood Azoxystrobin 2.08SC at 12.0 fl. oz. product/A on a 7-day schedule. Initiate late blight applications in a preventative schedule prior to disease development according to local practices. If late blight symptoms develop or conditions favor disease, switch immediately to a non-Group 11 fungicide, using a 5-day schedule. Addition of a spreader/sticker may improve coverage.</p> <p>For all other diseases, Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season every 7-14 days following the resistance management guidelines. Use the high rate and the shorter interval if disease epidemics are severe. Applications may be made by ground, air or chemigation.</p> <p>Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.</p>
	<b>Soilborne Diseases</b> Black Dot ( <i>Colletotrichum coccodes</i> ) Black Scurf ( <i>Rhizoctonia solani</i> ) Silver Scurf ( <i>Helminthosporium solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 123 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 2.0 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 14 days of harvest (14-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Rice	<b>Sheath/Stem Diseases</b> Sheath Blight ( <i>Rhizoctonia solani</i> )	6.0-18.5 (0.10-0.30)	<p>Willowood Azoxystrobin 2.08SC should be applied prior to disease development. Applications may be made by ground, air or chemigation. For aerial application, volumes should be 5-10 GPA. An adjuvant may be added at specified rates.</p> <p>For sheath blight control, application rates may vary from 9.0 to 12.0 fl. oz./A depending on the growth stage of the rice and the severity of the disease. Consult with your local extension personnel or Willowood, LLC representative for information in sheath blight control.</p> <p>For other stem/sheath diseases including stem rot, black sheath rot, aggregate sheath spot and sheath spot, apply when disease is less than 4 inches above water line usually between panicle differentiation (PD) +5 days to PD +10 days or at initial sign of disease. Under heavy disease pressure and conditions favorable for disease development, a second application may be applied.</p> <p>For foliar and panicle diseases, apply Willowood Azoxystrobin 2.08SC prior to disease development. Willowood Azoxystrobin 2.08SC must be applied as a preventative treatment for blast control and applied prior to favorable conditions for blast development. For panicle blast, an application should be applied at mid-boot to boot-split but prior to full head emergence. A second application should be applied when panicles are approximately 60-90% emerged from the boot (7-14 days later).</p> <p>When Willowood Azoxystrobin 2.08SC is being applied for panicle blast on continuous rice acreage (no rotation to other crops), no more than two sequential foliar applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides should be made over multiple years before alternating with a fungicide with a different mode of action. Do not</p>
	Aggregate Sheath Spot ( <i>Ceratobasidium oryzae-sativae</i> = <i>Rhizoctonia oryzae-sativae</i> ) Black Sheath Rot ( <i>Gaeumannomyces graminis</i> var. <i>graminis</i> ) Sheath Spot ( <i>Rhizoctonia oryzae</i> ) Stem Rot ( <i>Magnaporthe salvinii</i> = <i>Sclerotium oryzae</i> = <i>Nakateae sigmoidea</i> )	9.0-18.5 (0.15-0.30)	
	<b>Foliar Diseases</b> Brown Leaf Spot ( <i>Cochliobolus miyabeanus</i> ) Leaf Smut ( <i>Entyloma oryzae</i> ) Narrow Brown Leaf Spot ( <i>Cercospora janseana</i> = <i>Cercospora oryzae</i> )		
	<b>Panicle Diseases</b> Kernel Smut ( <i>Tilletia barclayana</i> = <i>Neovossia barclayana</i> ) Panicle Blast ( <i>Pyricularia grisea</i> )		

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
			make more than two foliar applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides per acre per season.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not treat rice fields used for aquaculture of fish and crustaceans.</li> <li>2) Do not apply when weather conditions favor drift from treated areas to non-target aquatic habitat. Applicators should use care in making applications near non-target aquatic habitats.</li> <li>3) Do not apply more than 0.70 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>4) Do not allow release of irrigation or flood water for at least 14 days after the last application.</li> <li>5) Do not apply within 28 days of harvest (28-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Sorghum	Anthracnose ( <i>Colletotrichum graminicola</i> ) Gray Leaf Spot ( <i>Cercospora sorghi</i> )	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development. Use the high rates under conditions favorable for severe disease pressure, dense plant canopies, or when susceptible varieties are planted. Contact extension personnel for local economic thresholds and timings for specific diseases in your area. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	<b>Soilborne Diseases</b> Damping-Off ( <i>Rhizoctonia solani</i> , <i>Pythium aphanadermatum</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) For grain and stover, do not apply more than 0.75 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>2) For forage, do not apply more than 0.5 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 14 days of harvest (14-day PHI).</li> </ol>			



Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Soybean Soybean, Immature Seed (edamame)	<b>Aerial Blight</b> <i>(Rhizoctonia solani)</i> <b>Alternaria Leaf Spot</b> <i>(Alternaria spp.)</i> <b>Anthrachnose</b> <i>(Colletotrichum truncatum)</i> <b>Brown Spot</b> <i>(Septoria glycines)</i> <b>Cercospora Blight and Leaf Spot</b> <i>(Cercospora kikuchii)</i> <b>Frogeye Leaf Spot</b> <i>(Cercospora sojina)</i> <b>Pod and Stem Blight</b> <i>(Diaporthe phaseolorum)</i> <b>Rust</b> <i>(Phakopsora spp.)</i>	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development. Use the high rates under conditions favorable for severe disease pressure, dense plant canopies, or when susceptible varieties are planted. Contact Extension personnel for local economic thresholds and timings for specific diseases in your area. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates. Use of a crop oil concentrate or non-ionic surfactant with the lower use rate is recommended.  Soybean rust: Willowood Azoxystrobin 2.08SC may be used at 4 fl. oz./A when tank mixed with a triazole registered for use on soybean rust.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	<b>Soilborne Diseases</b> <i>Rhizoctonia solani</i> <i>(Rhizoctonia solani)</i> <b>Southern Blight</b> <i>(Sclerotium rolfsii)</i>	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.
<b>Specific Use Restrictions:</b> 1) Do not apply more than 92.3 fl. oz. of product/A/season. 2) Do not make more than one application at 15.5 fl. oz. product/acre or 0.25 lb. a.i./A to soybean forage and hay. 3) Do not apply more than 1.5 lbs. a.i./A/season of azoxystrobin-containing products. 4) Do not apply within 14 days of harvest (14-day PHI) of soybeans (beans). 5) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI) to soybean forage and hay.			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Stone Fruits</b>  Apricot Cherry, Sweet	<b>Brown Rot Blossom Blight and Fruit Rot</b> <i>(Monilinia fructicola, M. laxa)</i>	12.0-15.5 (0.20-0.25)	For brown rot blossom blight, begin applications at early bloom and continue through petal fall. For brown rot on fruit, Willowood

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Cherry, Tart Nectarine Peach Plum Plumcot Prune	Scab ( <i>Cladosporium carpophilum</i> ) Alternaria spot and fruit rot ( <i>Alternaria alternata</i> ) Anthracnose ( <i>Colletotrichum prunicola</i> , <i>C. gloeosporioides</i> ) Leaf rust ( <i>Tranzschelia discolor</i> ) Powdery Mildew ( <i>Sphaerotheca pannosa</i> , <i>Podosphaera clandestina</i> ) Shot hole ( <i>Wilsonomyces carpophilus</i> )	6.0-15.5 (0.10-0.25)	Azoxystrobin 2.08SC may be applied to fruit up to the day of harvest.  For scab, begin applications at petal fall and continue at 7- to 14-day intervals.  For all other diseases, begin application at the onset of disease as a protectant fungicide and continue on a 7- to 14-day schedule.  For peaches only, 9.0-15.5 fl. oz. of Willowood Azoxystrobin 2.08SC may be used for scab control.  Applications may be made by ground, air or chemigation.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
<b>Specific Use Restrictions:</b> 1) Do not apply more than 92.3 fl. oz. of product/A/season. 2) Do not apply more than 1.5 lbs. a.i./A/season of azoxystrobin-containing products. 3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Sugarcane	Brown Rust ( <i>Puccinia melanocephala</i> ) Orange Rust ( <i>Puccinia kuehnii</i> )	9.0-12.0 (0.15-0.20)	Willowood Azoxystrobin 2.08SC applications should begin prior to rust development, and continue throughout the season every 14-28 days following resistance management guidelines. Scout fields and begin applications at the earliest sign of rust. An adjuvant may be used at recommended rates. For ground applications, apply Willowood Azoxystrobin 2.08SC in sufficient water volume for adequate coverage and canopy penetration. Applications may be made by ground, air or chemigation.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicide, before alternation with

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
			a fungicide that is not in Group 11. Do not make more than four foliar applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicide per acre per year.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 0.80 lb. a.i./A per season azoxystrobin-containing products.</li> <li>2) Do not apply within 30 days of harvest (30-day PHI).</li> <li>3) When applying by air, use no less than 5 gallons spray solution per acre</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Tobacco	Blue Mold ( <i>Peronospora tabacina</i> ) Frogeye Leaf Spot ( <i>Cercospora nicotianae</i> ) Target Spot ( <i>Rhizoctonia solani</i> )	6.0-12.0 (0.1-0.2)	<p>Willowood Azoxystrobin 2.08SC applications should begin prior to disease development or at first indication that blue mold is in the area. Do not apply Willowood Azoxystrobin 2.08SC as a curative application. If blue mold is present in the field, initiate applications with Acrobat MZ® prior to an Willowood Azoxystrobin 2.08SC application. Apply on a 7- to 14-day interval with shorter intervals under conditions conducive to disease development. For ground applications, apply Willowood Azoxystrobin 2.08SC in sufficient water volume for adequate coverage and canopy penetration. For aerial application, volumes should be 10-15 GPA. Applications may be made by ground, air or chemigation. Do not apply Willowood Azoxystrobin 2.08SC on greenhouse seedlings. Do not tank mix with Thiodan. Tank mixing Willowood Azoxystrobin 2.08SC with insecticides formulated as emulsifiable concentrates (EC) or containing high amounts of solvents, may cause crop injury.</p> <p>Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.</p> <p>NOTE: Willowood Azoxystrobin 2.08SC may enhance weather</p>

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
			flecking on the leaves of certain tobacco types. This does not affect yield and quality.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 32 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 0.52 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Tomatoes</b> <b>Tomatillos</b> <b>Subgroup 8-10A</b>  Including all cultivars and/or hybrids of these.  See complete list of tomato crops below.	Anthracnose ( <i>Colletotrichum coccodes</i> ) Black Mold ( <i>Alternaria alternata</i> ) Buckeye Rot ( <i>Phytophthora</i> spp.) Early Blight ( <i>Alternaria solani</i> ) Powdery Mildew ( <i>Oidiopsis sicula</i> ) Septoria Leaf Spot ( <i>Septoria lycopersici</i> ) Target Spot ( <i>Corynespora cassicola</i> )	5.0-6.2 (0.08-0.10)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season following the resistance management guidelines. For late blight, Willowood Azoxystrobin 2.08SC should be applied at 5- to 7-day intervals. For all other tomato diseases, Willowood Azoxystrobin 2.08SC should be applied on 7- to 21-day intervals.  Applications may be made by ground air or chemigation.  Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	Late Blight ( <i>Phytophthora infestans</i> )	6.2 (0.10)	Under certain weather conditions (particularly high temperatures) Willowood Azoxystrobin 2.08SC in combination with high rates of silicone-based or oil containing (petroleum or crop) additives or adjuvants may cause injury. Do not exceed 0.125% adjuvant (v/v). Consult a Willowood, LLC representative for more information concerning additives or adjuvants.  A tank mixture with Dimethoate may cause crop injury.
<b>Complete List of Tomato Crops:</b> Bush Tomato; Cocona; Currant Tomato; Garden Huckleberry; Goji Berry; Groundcherry; Naranjilla; Sunberry; Tomatillo; Tomato; Tree Tomato; cultivars, varieties, and/or hybrids of these.			
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 37 fl. oz. of product/A/season.</li> </ol>			

- 2) Do not apply more than 0.6 lb. a.i./A/season of azoxystrobin-containing products.
- 3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Tree Nuts</b>  Beechnut Brazil Nut Butternut Cashew Chestnut Chinquapin Filbert Hickory Macadamia Pecan Walnut  Almonds, Pistachios (see specific use instructions)	Alternaria Leaf and Fruit Spot ( <i>Alternaria            alternata</i> ) Anthracnose ( <i>Colletotrichum            acutatum, Glomerella            cingulata</i> ) Eastern Filbert Blight ( <i>Anisogramma            anomale</i> ) Late Blight ( <i>Alternaria            alternata</i> ) Scab ( <i>Cladosporium            carpophilum</i> ) Septoria Leaf Spot ( <i>Septoria pistaciarum</i> ) Shot Hole ( <i>Wilsonomyces            carpophilus</i> ) Blossom Blight ( <i>Monilinia laxa, M.            fructicola</i> )	6.0-12.0 (0.10-0.20)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  For all other diseases begin applications prior to disease development and continue at 7- to 21-day intervals throughout the season.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.  For blossom blight, begin applications at early bloom and continue through petal fall.
<b>Specific Use Restrictions:</b> 1) Do not apply more than 73.8 fl. oz. of product/A/season. 2) Do not apply more than 1.2 lbs. a.i./A/season of azoxystrobin-containing products. 3) Do not apply within 45 days of harvest (45-day PHI).			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Tropical Fruit</b>  Acerola Atemoya Avocado Biriba Canistel Cherimoya Custard Apple Dragon Fruit Feijoa Guava Ilama	Anthracnose ( <i>Colletotrichum</i> spp.) Cercospora Leaf Spot ( <i>Cercospora</i> spp.) Powdery Mildew ( <i>Erysiphe</i> spp.) Rust ( <i>Puccinia</i> spp.)	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season on a 10- to 14-day schedule, following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Follow the resistance management guidelines in the Resistance Management Section. Do not apply

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Jaboticaba Jackfruit Longan Loquat Lychee Mango Papaya Passionfruit Pawpaw Persimmon Pulasan Rambutan Sapodilla Sapote, Black Sapote, Mamey Sapote, White Soursop Star Apple Starfruit Sugar Apple Spanish Lime Tamarind			more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	<b>Soilborne Diseases</b> Seedling Root Rot, Basal Stem Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 92.3 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.5 lbs. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Vegetables, Leaves of Root and Tuber Group and Root Subgroup</b>	<b>Foliar Diseases</b>		
Beet, Garden and Sugar <sup>1,2</sup> Burdock <sup>1,2</sup> Carrot <sup>1,2</sup> Cassava, Bitter and Sweet <sup>1</sup> Celeriac (celery root) <sup>1,2</sup> Chervil, Turnip-Rooted <sup>1,2</sup> Chicory <sup>1,2</sup> Dasheen (taro) <sup>1</sup> Ginseng <sup>2</sup> Horseradish <sup>2</sup> Parsley, Turnip-Rooted <sup>2</sup> Parsnip <sup>1,2</sup>	<b>Alternaria Leaf Spot</b> ( <i>Alternaria</i> spp., <i>A. alternata</i> ) <b>Ascochyta Leaf Spot</b> ( <i>Ascochyta cynarae</i> ) <b>Rust</b> ( <i>Uromyces betae</i> , <i>Puccinia helianthi</i> ) <b>White Rust</b> ( <i>Albugo tragopogonis</i> )	6.0-20.0 (0.10-0.33)	For powdery mildew, make preventative applications on a 5- to 7-day schedule. For all other diseases, Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season every 7-14 days following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.
	<b>Cercospora Leaf Spot</b> ( <i>Cercospora betae</i> , <i>C. pastinaceae</i> ) <b>Powdery Mildew</b> ( <i>Erysiphe polygoni</i> , <i>Leveillula taurica</i> )	9.0-15.5 (0.15-0.25)	Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Radish <sup>1,2</sup> Radish, Oriental (daikon) <sup>1,2</sup> Rutabega <sup>1,2</sup> Salsify <sup>2</sup> Salsify, Black <sup>1,2</sup> Salsify, Spanish <sup>2</sup> Skirret <sup>2</sup> Sweet Potato <sup>1</sup> Tanier <sup>1</sup> Turnip <sup>1,2</sup> Yam, True <sup>1</sup>	<b>Soilborne Diseases</b> Circular Spot, Southern Blight ( <i>Sclerotium rolfsii</i> ) Pythium Root Rot ( <i>Pythium</i> <i>aphanidermatum</i> ) Rhizoctonia Stem Canker, Crown Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING            DISEASE CONTROL</b> section.  <b>For sugar beets</b> apply 3-7 inch banded applications in a minimum of 10 gallons per acre at the 2- to 8-leaf stage. Do not apply as a dribble application over the seed row. Tank mixtures of Willowood Azoxystrobin 2.08SC with crop oil concentrates (COC) or methylated spray oil (MSO) may result in crop injury. If cool soil conditions are expected after planting which could result in an extended period of plant emergence, Willowood Azoxystrobin 2.08SC should not be applied in-furrow. If using Willowood Azoxystrobin 2.08SC at the time of planting, do not use a starter fertilizer with it.
<sup>1</sup> =Vegetable leaves of root and tuber subgroup <sup>2</sup> =Root vegetable subgroup			
<b>Specific Use Restrictions:</b> 1) Do not apply more than 123 fl. oz. of product/A/season. 2) Do not apply more than 2.0 lbs. a.i./A/season of azoxystrobin-containing products. 3) Apply as an in-furrow spray in a minimum of 10 gallons per acre. 4) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Vegetables, Tuberous            and Corm Subgroup</b>  Arracacha Arrowroot Artichoke, Chinese and Jerusalem Canna, Edible Cassava, Edible, Bitter and Sweet Chayote (root) Chufa Dasheen (Taro) Ginger Leren Potato Sweet Potato	<b>Foliar Diseases</b> Alternaria Leaf Spot ( <i>Alternaria</i> spp., <i>A.</i> <i>Alternata</i> ) Ascochyta Leaf Spot ( <i>Ascochyta cynarae</i> ) Rust ( <i>Uromyces betae</i> , <i>Puccinia helianthi</i> ) White Rust ( <i>Albugo</i> <i>tragopogonis</i> ) Cercospora Leaf Spot ( <i>Cercospora betae</i> , <i>C.</i> <i>pastinaceae</i> ) Powdery Mildew ( <i>Erysiphe polygoni</i> , <i>Leveillula taurica</i> )	6.0-20.0 (0.10-0.33)          9.0-15.5 (0.15-0.25)	For powdery mildew, make preventative applications on a 5- to 7-day schedule. For all other diseases, Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season every 7-14 days following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Tanier Turmeric Yam, Bean Yam, True	<b>Soilborne Diseases</b> Circular Spot, Southern Blight ( <i>Sclerotium rolfsii</i> ) Rhizoctonia Stem Canker, Crown Rot ( <i>Rhizoctonia solani</i> ) Pythium Root Rot ( <i>Pythium</i> <i>aphanidermatum</i> )	0.40-0.80 fl. oz./1000 row feet	a fungicide that is not in Group 11. For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 123 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 2.0 lbs. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 14 days of harvest (14-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Watercress</b>	Cercospora Leaf Spot ( <i>Cercospora</i> spp.)	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season on a 7- to 10- day schedule, following resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 93.2 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.5 lbs. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 7 days of harvest (7-day PHI).</li> </ol>			



Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Cereals  Wheat Triticale	Leaf Rust ( <i>Puccinia triticina</i> = <i>Puccinia recondita</i> f.sp. <i>tritici</i> ) Septoria Leaf and Glume Blotch ( <i>Septoria tritici</i> , <i>Septoria nodorum</i> ) Stem Rust ( <i>Puccinia graminis</i> ) Stripe Rust ( <i>Puccinia striiformis</i> ) Tan Spot ( <i>Pyrenophora tritici-repentis</i> )	4.0-12.0 (0.07-0.20)	Willowood Azoxystrobin 2.08SC should be applied prior to disease development. Applications may be made by ground, air or chemigation. A crop oil concentrate adjuvant may be added at 1.0% v/v to optimize efficacy.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicide before alternation with a fungicide that is not in Group 11. Do not make more than two applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicide per season.
	Powdery Mildew ( <i>Erysiphe graminis</i> )	7.5-11.0 (0.125-0.175)	
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply after Feekes 10.54.</li> <li>2) Do not apply more than 0.40 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 7 days (7-day PHI) for forage and hay.</li> <li>4) Do not apply within 14 days of grazing (14-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Wild Rice	Brown Spot ( <i>Bipolaris oryzae</i> or <i>Bipolaris sorokiana</i> )  Also known as <i>Helminthosporium oryzae</i> and <i>H. sativum</i> )  Stem Rot ( <i>Nakataea sigmoidea</i> )	12.5-15.5 (0.20-0.25)	Willowood Azoxystrobin 2.08SC should be applied prior to disease development. Applications may be made by ground, air or chemigation. For aerial application, volumes should be 5-10 GPA. An adjuvant may be added at specified rates.  For foliar diseases, apply Willowood Azoxystrobin 2.08SC prior to disease development. Apply during tillering, boot, early heading, or at initial sign of disease. Under heavy disease pressure and conditions favorable for disease development, a second application may be applied.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicide before alternation with a fungicide that is not in Group 11. Do not make more than two applications of Willowood Azoxystrobin 2.08SC or

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
			other Group 11 fungicide per season.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not treat wild rice fields used for aquaculture of fish and crustaceans.</li> <li>2) Do not apply when weather conditions favor drift from treated areas to non-target aquatic habitat. Applicators should use care in making applications near non-target aquatic habitats.</li> <li>3) Do not apply more than 0.70 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>4) Do not allow release of irrigation or flood water for at least 14 days after the last application.</li> <li>5) Do not apply within 28 days of harvest (28-day PHI).</li> </ol>			

**Willowood Azoxystrobin 2.08SC Rate Conversion Chart**

Fl. oz. Product/A	Lb. a.i./A	Treated Acres/Gal. Product
4.0	0.07	32.0
5.0	0.08	25.6
5.5	0.09	23.2
6.0	0.10	21.3
6.2	0.10	21.3
7.0	0.11	18.3
8.5	0.14	15.4
9.0	0.15	14.2
9.2	0.15	14.2
10.0	0.16	13.0
11.0	0.18	11.6
12.0	0.20	10.4
12.3	0.20	10.4
13.0	0.21	9.8
14.0	0.23	9.1
15.4	0.25	8.3
15.5	0.25	8.3
18.3	0.30	6.9
18.5	0.30	6.9
20.0	0.33	6.4
20.3	0.33	6.4
24.5	0.40	5.2

**POST HARVEST APPLICATIONS**

Crop	Target Diseases	Use Rate	Remarks
<b>Bananas Plantains</b>	Crown Rot/Crown Mold ( <i>Colletotrichum musae</i> , <i>Fusarium pallidorseum</i> , <i>Acremonium</i> spp., <i>Ceratocystis paradoxa</i> , <i>Glomerella cingulate</i> , <i>Penicillium</i> spp.)	200-400 ppm solution	Apply Willowood Azoxystrobin 2.08SC as a single application of a 200-400 ppm solution to achieve good coverage. The application may be made as a spray, dip or may be painted onto the cut ends of the bananas. Application of the 200 ppm rate is appropriate for short distance transportation (e.g., within the USA). When a longer time in transport is expected (export), use the 300-400 ppm rate. If alum (1% w/v) is added

Crop	Target Diseases	Use Rate	Remarks								
			<p>to the spray solution, stir the suspension frequently as sedimentation and flocculation may occur. Addition of a non-ionic surfactant (0.10% v/v) may improve the compatibility of this mixture.</p> <p><b>Amount of Willowood Azoxystrobin 2.08SC to Mix 100 Gallons for Post-Harvest Banana Applications</b></p> <table><tr><th>Willowood Azoxystrobin 2.08SC Use Rate</th><th>100.0 gal. Spray Solution</th></tr><tr><td>200 ppm</td><td>11 fl. oz.</td></tr><tr><td>300 ppm</td><td>15 fl. oz.</td></tr><tr><td>400 ppm</td><td>21 fl. oz.</td></tr></table>	Willowood Azoxystrobin 2.08SC Use Rate	100.0 gal. Spray Solution	200 ppm	11 fl. oz.	300 ppm	15 fl. oz.	400 ppm	21 fl. oz.
Willowood Azoxystrobin 2.08SC Use Rate	100.0 gal. Spray Solution										
200 ppm	11 fl. oz.										
300 ppm	15 fl. oz.										
400 ppm	21 fl. oz.										
<p><b>Specific Use Restrictions:</b></p> <p>1) Do not make more than one application to bananas as post-harvest treatment.</p> <p>2) Willowood Azoxystrobin 2.08SC may be degraded by exposure to direct sunlight. Do not store treated fruit in direct sunlight.</p>											
Crop	Target Diseases	Use Rate	Remarks								
<p><b>Citrus Fruit</b> <b>Crop Group 10-10</b></p> <p>Calamondin Citron Citrus Hybrids Grapefruit Kumquat Lemon Lime Mandarin Orange (sour and sweet) Pummelo Satsuma Mandarin Tangerine Uniq Fruit Hybrid</p> <p>Including all cultivars and/or hybrids of these</p> <p>See complete list of citrus fruit crops below.</p>	<p>Penicillium Decays Green Mold, Whisker Mold, Suppression of Blue Mold (<i>Penicillium</i> spp.) Diplodia Stem-End Rot (<i>Diplodia natalensis</i>) Phomopsis Stem-End Rot (<i>Phomopsis citrii</i>)</p>	<p>See Remarks</p>	<p>Use Willowood Azoxystrobin 2.08SC as a dip, drench, flood, or spray for the control of certain post-harvest diseases.</p> <p><b>For high volume (dilute) applications:</b> Mix 32-64 fl. oz. of Willowood Azoxystrobin 2.08SC in 25-100 gallons of an appropriate water, wax/oil emulsion, or aqueous dilution of a wax/oil emulsion for the crop being treated. Use T-Jet, flooders, or similar application systems.</p> <p><b>For low volume (concentrate) applications:</b> Mix 32-64 fl. oz. of Willowood Azoxystrobin 2.08SC in 7-25 gallons of water, wax/oil emulsion, or aqueous dilution of wax/oil emulsion for the crop being treated. Apply to 250,000 lbs. of fruit. Use a controlled-droplet type of applicator or similar system.</p> <p><b>For dip applications:</b> Mix 32-64 fl. oz. of Willowood Azoxystrobin 2.08SC in 100 gallons of water, wax/oil emulsion, or aqueous dilution of wax/oil emulsion. Dip for approximately 30 seconds and allow</p>								

Crop	Target Diseases	Use Rate	Remarks
			fruit to drain. For maximum decay control, treat citrus fruit once before storage and once after storage, just prior to marketing.
<b>Complete List of Citrus Fruit Crops:</b> Australian Desert Lime ( <i>Eremocitrus glauca</i> ); Australian Finger Lime ( <i>Microcitrus australasica</i> ); Australian Round Lime ( <i>Microcitrus australis</i> ); Brown River Finger Lime ( <i>Microcitrus papuana</i> ); Calamondin ( <i>Citrofortunella microcarpa</i> ); Citron ( <i>Citrus medica</i> ); Citrus Hybrids, <i>Citrus</i> spp., <i>Eremocitrus</i> spp., <i>Fortunella</i> spp., <i>Microcitrus</i> spp., and <i>Poncirus</i> spp., Grapefruit ( <i>Citrus paradise</i> ); Japanese Summer Grapefruit ( <i>Citrus natsudaidai</i> ); Kumquat ( <i>Fortunella</i> spp.); Lemon ( <i>Citrus limon</i> ); Lime ( <i>Citrus aurantiifolia</i> ); Mediterranean Mandarin ( <i>Citrus deliciosa</i> ); Mount White Lime ( <i>Microcitrus garrowayae</i> ); New Guinea Wild Lime ( <i>Microcitrus warburgiana</i> ); Orange, Sour ( <i>Citrus aurantium</i> ); Orange, Sweet ( <i>Citrus sinensis</i> ); Pummelo ( <i>Citrus maxima</i> ); Russell River Lime ( <i>Microcitrus inodora</i> ); Satsuma Mandarin ( <i>Citrus unshiu</i> ); Sweet Lime ( <i>Citrus limetta</i> ); Tachibana Orange ( <i>Citrus tachibana</i> ); Tahiti Lime ( <i>Citrus latifolia</i> ); Tangelo ( <i>Citrus x tangelo</i> ); Tangerine (Mandarin) ( <i>Citrus reticulata</i> ); Tangor ( <i>Citrus nobilis</i> ); Trifoliate Orange ( <i>Poncirus trifoliate</i> ); Uniq Fruit ( <i>Citrus aurantium</i> Tangelo group); cultivars, varieties and/or hybrids of these.			
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not make more than two applications to citrus fruit as post-harvest treatments.</li> <li>2) Willowood Azoxystrobin 2.08SC may be degraded by exposure to direct sunlight. Do not store treated fruit in direct sunlight.</li> </ol>			

#### Tuberous and Corm Vegetable Subgroup 1C – Post Harvest

Arracacha; Arrowroot; Artichoke, Chinese; Artichoke, Jerusalem; Canna, Edible; Cassava, Bitter and Sweet; Chayote (root); Chufa; Dasheen; Ginger; Leren; Potato; Sweet Potato; Tanier; Turmeric; Yam Bean; Yam, True.

Use Willowood Azoxystrobin 2.08SC as a post-harvest spray for the control of certain post-harvest rots caused by Silver Scurf (*Helminthosporium solani*), *Fusarium* species, Late Blight (*Phytophthora infestans*), and Pink Rot (*Phytophthora erythroseptica*).

Application Method	Disease	Rate (fl. oz.)	Remarks
In-Line Aqueous Spray Application	Silver Scurf Fusarium Dry Rot Late Blight Pink Rot	0.6 fl. oz./ton of tubers	<ul style="list-style-type: none"> <li>• Ensure proper coverage of the tubers. Tubers should be tumbling as they are treated.</li> <li>• Mix the fungicide solution in an appropriate amount of water for the crop being treated.</li> <li>• Use T-Jet, CDA, or similar application system.</li> </ul>
<b>Do not make more than one post-harvest application to the tubers.</b>			
<b>Specific Use Restrictions:</b> <ul style="list-style-type: none"> <li>• Do not use on seed potatoes or seed pieces.</li> <li>• Ensure the Willowood Azoxystrobin 2.08SC solution remains in suspension by using agitation.</li> </ul>			

## TURF

Golf course turf (not for use in California).

Commercial turf farms (not for use in California).

Willowood Azoxystrobin 2.08SC is recommended for control of anthracnose, brown patch, cool weather brown patch (yellow patch), Fusarium patch, gray leaf spot, gray snow mold (Typhula blight), leafspot, melting out, necrotic ring spot, pink patch, pink snow mold, Pythium blight, Pythium root rot, red thread, Rhizoctonia large patch, southern blight, spring dead spot, summer patch, take-all patch, and Zoysia patch on golf courses, lawns and landscape areas around residential, institutional, public, commercial and industrial buildings, parks, recreational areas and athletic fields.

**Integrated Pest (Disease) Management:** Sound turf management resulting in healthy, vigorous turf is the foundation of a good IPM program. Cultural practices such as proper choice of turf variety, nutrient management, proper cutting height, thatch management, and proper watering, drainage, and moisture stress management should be integrated with the use of fungicides to increase turf vigor and reduce the susceptibility to disease. Immunoassay detection kits and extension service diagnostic services can assist in the early and accurate identification of causal organisms and corresponding selection of the proper fungicide when required.

**Resistance Management:** Some turf disease pathogens are known to have developed resistance to products used repeatedly for their control. Willowood Azoxystrobin 2.08SC should be applied in a tank mix or alternation program with other registered fungicides that have a different mode of action and to which pathogen resistance has not developed. Do not apply more than two sequential Willowood Azoxystrobin 2.08SC applications for *Pythium* spp. control. For all other diseases when *Pythium* spp. is not present, do not apply more than three sequential applications of Willowood Azoxystrobin 2.08SC.

**Application Directions:** Willowood Azoxystrobin 2.08SC should be applied prior to disease development. Mix Willowood Azoxystrobin 2.08SC with the required amount of water and apply as a dilute spray application in 2-4 gallons of water per 1000 square feet (87-174 gallons per acre). Repeat applications at specified intervals for as long as required. For spot treatments, use 0.4 fl. oz. Willowood Azoxystrobin 2.08SC per 1 to 2 gallons of water. Do not apply more than 9.6 quarts product/acre/year (7.1 fl. oz. product/1000 square feet/year). Apply by ground only.

**Rate Ranges:** Use the shortest specified application interval and/or use the higher specified rate when prolonged favorable disease conditions exist.

**Dollar Spot:** Willowood Azoxystrobin 2.08SC does not control dollar spot. Willowood Azoxystrobin 2.08SC is compatible in tank mixes with many other fungicides that control dollar spot. Always tank mix Willowood Azoxystrobin 2.08SC with another fungicide that controls dollar spot when this disease is present. Follow directions under TANK MIXES/COMPATIBILITY above.

### DIRECTIONS FOR APPLICATION FOR TURF DISEASES

Target Diseases	Use Rate (fl. oz. product per 1000 sq. ft.)	Application Interval (days)	Remarks*
Anthracnose ( <i>Colletotrichum graminicola</i> )	0.38-0.77	14-28	Apply when conditions are favorable for disease development.
Brown Patch ( <i>Rhizoctonia solani</i> )	0.38-0.77	14-28	Apply when conditions are favorable for disease development.
Cool weather brown patch Yellow patch ( <i>Rhizoctonia cerealis</i> )	0.38-0.77	28	Make one or two applications in fall or when conditions are favorable for disease development.
Fusarium patch ( <i>Microdochium nivale</i> )	0.38-0.77	14-28	Apply when conditions are favorable for disease development.
Gray Leaf Spot ( <i>Pyricularia grisea</i> )	0.38-0.77	14-28	Begin applications before disease is present and continue applications while conditions are favorable for

Target Diseases	Use Rate (fl. oz. product per 1000 sq. ft.)	Application Interval (days)	Remarks*
			disease development.
Gray snow mold	1.35	Single application 14	Make a single application of 1.35 fl. oz. or two applications of 0.77 spaced 14 days apart in late fall just before snow cover. Tank mixing with another snow mold fungicide may enhance control under severe disease pressure.
Typhula blight ( <i>Typhula incarnata</i> , <i>T. ishikariensis</i> )	0.77		
Leafspot ( <i>Bipolaris sorokiniana</i> )	0.38-0.77	14-21	Apply when conditions are favorable for disease development.
Melting out ( <i>Drechslera poae</i> )	0.38-0.77	14-21	Apply when conditions are favorable for disease development.
Necrotic ring spot ( <i>Leptosphaeria korrae</i> )	0.38-0.77	14-28	Apply when conditions are favorable for disease development.
Pink patch ( <i>Limonomyses roseipellis</i> )	0.38-0.77	14-28	Apply when conditions are favorable for disease development.
Pink snow mold ( <i>Microdochium nivale</i> )	1.35 0.77	Single application 14	Make a single application of 1.35 fl. oz. or two applications of 0.77 spaced 14 days apart in late fall just before snow cover. Tank mixing with another snow mold fungicide may enhance control under severe disease pressure.
Pythium blight Pythium root rot ( <i>Pythium aphanidermatum</i> , <i>Pythium</i> spp.)	0.38-0.77	10-14	Begin applications before disease is present. During periods of prolonged favorable conditions, treat on the 10 day application interval. For use on newly seeded as well as established turf.
Red thread ( <i>Laetisaria fuciformis</i> )	0.38-0.77	14-28	Apply when conditions are favorable for disease development.
Rhizoctonia large patch ( <i>Rhizoctonia solani</i> )	0.38-0.77	28	Make one or two applications in fall or when conditions are favorable for disease development.
Southern blight ( <i>Sclerotium rolfsii</i> )	0.38-0.77	14-28	Apply when conditions are favorable for disease development.
Spring dead spot ( <i>Leptosphaeria korrae</i> ) or ( <i>Gaeumannomyces graminis</i> var. <i>graminis</i> ) or ( <i>Ophiosphaerella herpotricha</i> )	0.38-0.77	28	Make one or two applications in fall or when conditions are favorable for disease development.
Summer patch ( <i>Magnaporthe poae</i> )	0.38-0.77	14-28	Apply when conditions are favorable for disease development.
Take-all patch ( <i>Gaeumannomyces graminis</i> var. <i>avenae</i> )	0.38-0.77	28	Make two applications 28 days apart in the spring and two applications 28 days apart in the fall.
Zoysia patch ( <i>Rhizoctonia solani</i> and/or <i>Gaeumannomyces incrustana</i> )	0.38-0.77	28	Make one or two applications in late fall before snow cover or when conditions are favorable for disease development. Do not apply on top of snow.

Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC for control of *Pythium* spp. For all other diseases, do not apply more than four sequential applications of Willowood Azoxystrobin 2.08SC.

**Willowood Azoxystrobin 2.08SC Rate Conversion Chart for Turf**

Fluid Ounces Product Per 1000 Sq. Ft.	Ounces A.I. Per 1000 Sq. Ft.	Fluid Ounces Product Per Acre	Pints of Product Per Acre
0.4	0.104	17.4	1.1
0.5	0.130	21.8	1.4
0.6	0.156	26.1	1.6
0.7	0.182	30.5	1.9
0.77	0.200	33.5	2.1
1.35	0.35	58.8	3.7

**Amount of Willowood Azoxystrobin 2.08SC to Mix 100 Gallons for Turf Applications**

Willowood Azoxystrobin 2.08SC Use Rate (fl. oz.)	Spray Volume (gallons/1000 square feet)		
	2.0 gals. (fl. oz.)	3.0 gals. (fl. oz.)	4.0 gals. (fl. oz.)
0.4	20	13	10
0.5	25	17	13
0.6	30	20	15
0.7	35	23	18
0.77	38.5	25.7	19.3
1.35	67.5	45	33.75

## SEED TREATMENT

### USE INFORMATION

Willowood Azoxystrobin 2.08SC is a broad spectrum, preventative fungicide with systemic and curative properties recommended for the control of many important plant diseases. Willowood Azoxystrobin 2.08SC may be applied in alternating programs or in tank mixes with other registered, crop protection products. All applications should be made according to the use directions that follow.

### USE PRECAUTIONS

Do not graze or feed clippings from treated turf areas to animals. Do not plant the following crops for a period of 12 months since the last azoxystrobin application (unless an azoxystrobin product is registered for use on that crop): buckwheat, millet. All other crops with azoxystrobin registered uses may be planted immediately after the treated seed is planted.

### SEED TREATMENT PRECAUTIONS

The Federal Seed Act requires that containers containing treated seed be labeled with the following statements:

- This seed has been treated with axoxystrobin
- Do not use treated seed for feed, food, or oil purposes

The U.S. Environmental Protection Agency requires the following statements on containers containing seed treated with azoxystrobin:

- Store treated seed away from food and feedstuffs
- Do not allow children, pets, or livestock to have access to treated seeds
- Wear long pants, long-sleeved shirt and protective gloves when handling treated seed

- Treated seeds exposed on soil surface may be hazardous to wildlife. Cover or collect treated seeds spilled during loading and planting
- Dispose of all excess treated seed by burying seed away from bodies of water
- Do not contaminate bodies of water when disposing of planting equipment wash water
- Dispose of seed packaging or containers in accordance with local requirements

#### USE PRECAUTION

When using formulations that do not contain dye, a dye used to color the treated seed must be an EPA approved dye. Refer to 40 CFR 153.155(c). All seed treated with an economic poison must be colored to distinguish and prevent subsequent inadvertent use as a food for man or feed for animals.

#### SEED TREATMENT USE INFORMATION

Apply Willowood Azoxystrobin 2.08SC at the specified rate per 100 pounds of seed, using standard slurry or mist-type seed treatment equipment. Uniform application to seed is necessary to ensure seed safety and best disease protection. Seed should be sound and well cured prior to treatment. Product should be diluted with sufficient water to secure seed coverage. Consult a seed treatment specialist regarding slurry rates recommended for the crop to be treated with Willowood Azoxystrobin 2.08SC.

It is recommended that Willowood Azoxystrobin 2.08SC be combined with a Pythium-active seed treatment product to offer broad spectrum protection against the seed and seedling disease complex (*Rhizoctonia* spp. and *Pythium* spp.)

Crop	Target Diseases	Use Rate Fl. oz. product/ cwt. seed	Remarks
Canola	Seedborne Diseases Blackleg ( <i>Phoma lingam</i> ) Seedling Rhizoctonia damping-off ( <i>Rhizoctonia solani</i> ) Alternaria seedling blight ( <i>Alternaria</i> spp.)	1.5	
Cucurbits	Seedling Rhizoctonia damping-off ( <i>Rhizoctonia solani</i> ) General seed decay fungi	0.25-1.5	
Peanut	Seedborne diseases Rhizoctonia damping-off ( <i>Rhizoctonia solani</i> )	0.25-1.5	Suppression only
Potato	Black scurf & stem canker ( <i>Rhizoctonia solani</i> ) Silver scurf ( <i>Helminthosporium solani</i> )	0.31-1.5	For suppression of black scurf and stem canker and for protection against silver scurf.
Sunflower	Downy Mildew ( <i>Plasmopora halstedii</i> )	0.25-1.5	Apply Willowood Azoxystrobin 2.08SC at the listed rate using standard slurry or mist-type seed treatment equipment. Uniform application to seed is necessary to ensure seed safety and best disease protection.
Rice	Seedborne fungi and early season diseases Sheath blight ( <i>Rhizoctonia solani</i> )	0.25-1.5	For protection against seedborne fungi and early season sheath blight.
Tomato	Seed decay and early season diseases	0.25-1.5	For protection against seed decay and early season Rhizoctonia



	Rhizoctonia damping-off ( <i>Rhizoctonia solani</i> )		damping-off.
Wheat	Seedborne diseases Common bunt ( <i>Tilletia caries</i> ) Dwarf bunt ( <i>Tilletia controversa</i> )	0.25-1.5	For protection against seedborne diseases, common bunt and partial control of dwarf bunt.

Crop	Target Diseases	Use Rate Fl. oz. product/ cwt. seed	Remarks
<b>Non-Crop Uses</b>			
Flower Tree Seed	Seedborne diseases Rhizoctonia damping-off ( <i>Rhizoctonia solani</i> )	0.25-1.5	For early season protection against seedborne diseases and Rhizoctonia damping-off.
Ornamental Seed	Seedborne diseases Rhizoctonia damping-off ( <i>Rhizoctonia solani</i> )	0.25-1.5	For early season protection against seedborne diseases and Rhizoctonia damping-off.
Turfgrass	Seedborne diseases Rhizoctonia damping-off ( <i>Rhizoctonia solani</i> )	0.25-1.5	For early season protection against seedborne diseases and Rhizoctonia damping-off.

## STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

**PESTICIDE STORAGE:** Store in original containers only. Keep container closed when not in use. Do not store near food or feed. In case of spill on floor or paved surfaces, mop and remove to chemical waste storage area until proper disposal can be made if product cannot be used according to the label.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative of the nearest EPA Regional Office for guidance.

### CONTAINER HANDLING:

**[Nonrefillable Container (five gallons or less):]** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill or by incineration.

**[Nonrefillable Container (greater than five gallons):]** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill or by incineration.

#### **CONDITION OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of Willowood, LLC or Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Willowood, LLC and Seller harmless for any claims relating to such factors.

Willowood, LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or Willowood, LLC, and Buyer and User assume the risk of any such use. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, WILLOWOOD, LLC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.**

To the extent consistent with applicable law, neither Willowood, LLC nor Seller shall be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF WILLOWOOD, LLC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF WILLOWOOD, LLC OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

Willowood, LLC and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of Willowood, LLC.

Ambush, Callisto, Halex, Plant Performance, Warrior with Zeon Technology are trademarks of a Syngenta Group Company.

Acrobat is a trademark of BASF Corporation.

Aliette and Phaser are trademarks of Bayer CropScience.

Botran is a trademark of Gowan Company.

Lorsban and Kelthane are trademarks of Dow AgroSciences, LLC.

Lannate is a trademark of DuPont Crop Protection.

M-Pede is a trademark of Mycogen Corporation.

Pounce is a trademark of FMC Corporation and Agrilliance, LLC.

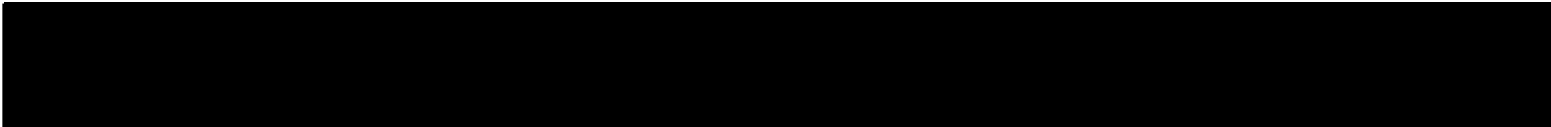
Thiodan is a trademark of Universal Crop Protection Alliance, LLC.

[EPA approval date]

**Malone, Erin**

---

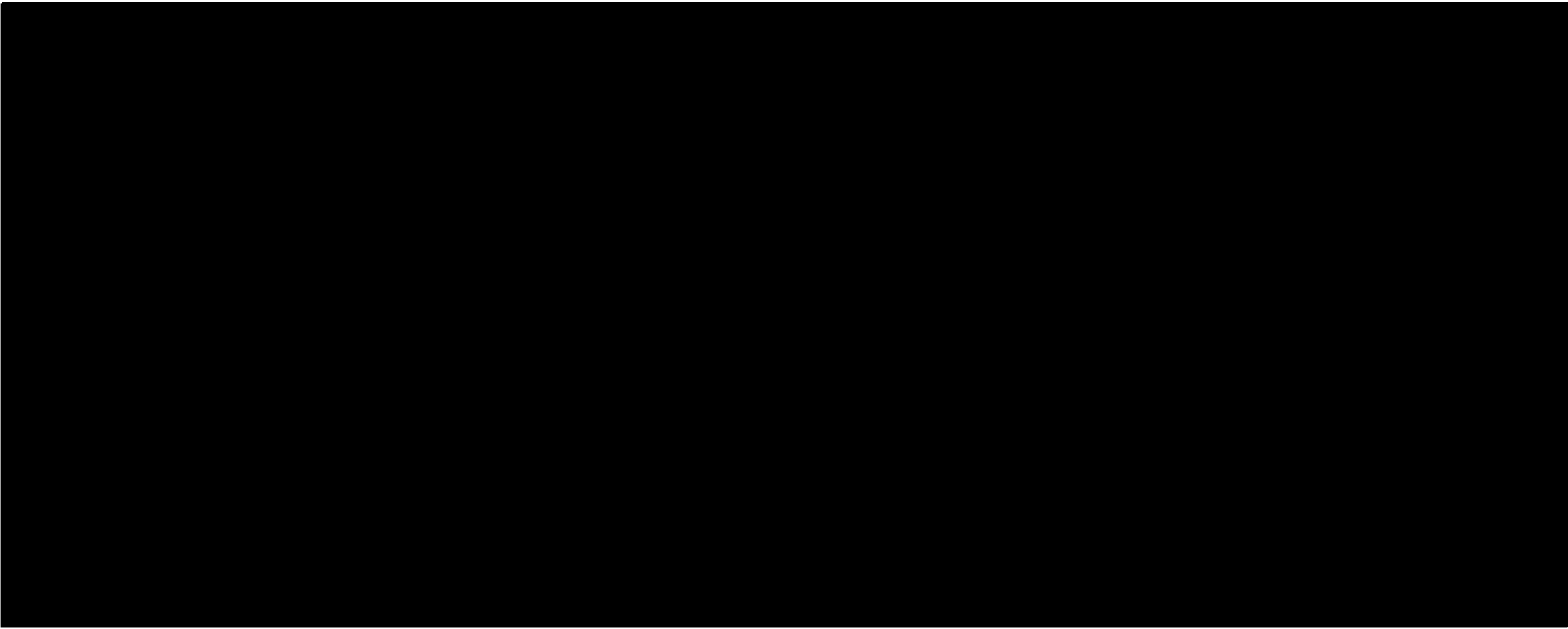
**From:** Koch, Erin  
**Sent:** Friday, January 03, 2014 9:10 AM  
**To:** Malone, Erin; Knorr, Michele  
**Cc:** Giles-Parker, Cynthia; Joyner, Shaja  
**Subject:** RE: Registration Notice Language for Azoxy/Prop product



Erin S. Koch  
Attorney-Advisor  
Pesticides and Toxic Substances Law Office Office of General Counsel USEPA  
(202) 564-1718

---

**From:** Malone, Erin  
**Sent:** Tuesday, December 31, 2013 8:27 AM  
**To:** Koch, Erin; Knorr, Michele  
**Cc:** Giles-Parker, Cynthia; Joyner, Shaja  
**Subject:** RE: Registration Notice Language for Azoxy/Prop product



Thanks,  
Erin

Erin Malone  
Risk Manager  
EPA/OCSP/OPP/RD/FB  
(703) 347-0253

**From:** Koch, Erin  
**Sent:** Monday, December 30, 2013 3:58 PM  
**To:** Malone, Erin; Knorr, Michele  
**Cc:** Giles-Parker, Cynthia; Joyner, Shaja  
**Subject:** RE: Registration Notice Language for Azoxy/Prop product

[Redacted]

Erin S. Koch  
Attorney-Advisor  
Pesticides and Toxic Substances Law Office Office of General Counsel USEPA  
(202) 564-1718

---

From: Malone, Erin  
Sent: Monday, December 30, 2013 2:44 PM  
To: Koch, Erin; Knorr, Michele  
Cc: Giles-Parker, Cynthia; Joyner, Shaja  
Subject: Registration Notice Language for Azoxy/Prop product

Erin and Michele,

[Redacted]

**Malone, Erin**

---

**From:** Mike Kellogg [Mike@PyxisRC.com]  
**Sent:** Thursday, December 12, 2013 6:23 PM  
**To:** Malone, Erin  
**Cc:** Joyner, Shaja  
**Subject:** RE: Revisions needed for 87290-UU  
**Attachments:** 087290-000UU.20131212v1.Willowood Azoxystrobin 2.08SC label.pdf

Erin,

I've attached a revised label incorporating your comments. Should you require any additional changes, please do not hesitate to contact me.

Regards,  
Mike Kellogg  
Pyxis Regulatory Consulting, Inc.  
4110 136<sup>th</sup> St. NW  
Gig Harbor, WA 98332  
T: 253-853-7369  
F: 253-853-5516  
E: [Mike@PyxisRC.com](mailto:Mike@PyxisRC.com)

**From:** Malone, Erin [<mailto:Malone.Erin@epa.gov>]  
**Sent:** Thursday, December 12, 2013 12:22 PM  
**To:** Mike Kellogg  
**Cc:** Joyner, Shaja  
**Subject:** RE: Revisions needed for 87290-UU

Mike,

I have followed up with Shaja regarding the seed language and she would like some additional required seed language be added to the label. I have included it on the marked up e-label.

Regarding the NPDES statement, Shaja would also like that retained for this product since it is required for some EPs and was included on one of your cited products. I will be out of the office tomorrow, so if you have any other questions please contact Shaja.

If you could resubmit the label by Monday 12/16, that would be very helpful on our end to get this action completed before the holiday.

Thanks,  
Erin

*Erin Malone*  
*Risk Manager*  
*EPA/OCSP/OPP/RD/FB*  
*(703) 347-0253*

**From:** Mike Kellogg [<mailto:Mike@PyxisRC.com>]  
**Sent:** Wednesday, December 11, 2013 6:17 PM

**To:** Malone, Erin  
**Subject:** RE: Revisions needed for 87290-UU

Thank you Erin.

I do have a question on one of your label comments. On pg. 2 under Environmental Hazards you had asked the following paragraph be added "Do not discharge effluent containing this product...". From my understanding, this language is required on certain pesticide products per PR Notice 93-10. PR Notice 93-10 defines the scope of products the PR notice pertains to as:

This policy applies to any pesticide product that may be contained in an effluent discharged to the waters of the United States or municipal sewer systems. Such products include but are not limited to: (1) technical grade and manufacturing use products; (b) end-use products registered for industrial preservative, water treatment, or other industrial processing use such as in cooling tower water systems, pulp and paper mill water systems, secondary leather tanning, and wood protection and textile treatment; and (c) large scale commercial and institutional end use (such as hospitals).

While I'm not against adding this language, it does not seem applicable to Willowood's Azoxystrobin end-use product and do not want to set a precedent for adding this language when it may not be applicable.

Would appreciate your thoughts.

Regards,  
Mike Kellogg  
Pyxis Regulatory Consulting, Inc.  
4110 136<sup>th</sup> St. NW  
Gig Harbor, WA 98332  
T: 253-853-7369  
F: 253-853-5516

**From:** Malone, Erin [<mailto:Malone.Erin@epa.gov>]  
**Sent:** Wednesday, December 11, 2013 2:25 PM  
**To:** Mike Kellogg  
**Subject:** Revisions needed for 87290-UU

Mike,

I have reviewed the application for Willowood Azoxystrobin 2.08SC and need the following to move forward with registration:

Label:

Please make the revisions to the label as indicated in the marked up e-label that is attached. I may have a few minor revisions in the seed treatment section regarding newly required language there, so do not resubmit until I hear back from my me.

Matrix:

Add the applicable MRIDs to the data matrix and resubmit along with an updated Certification with Respect to Citation of Data with the same date as the revised matrix.

Let me know if you have any questions.

Thanks,  
Erin

*Erin Malone*  
*Risk Manager*  
*EPA/OCSP/OPP/RD/FB*  
*(703) 347-0253*

Summary of Comments on 087290-xxxxx.20130813.Willowood  
Azoxystrobin 2.08SC label.EPA Comments.pdf

Page: 1

Author: emalone Subject: Sticky Note Date: 12/6/2013 2:56:14 PM  
This is worded a bit odd. Could you rework it a bit?  
Author: emalone Subject: Highlight Date: 12/6/2013 2:55:56 PM

GROUP 11 FUNGICIDE

# Willowood Azoxystrobin 2.08SC

## ACTIVE INGREDIENT:

Azoxystrobin: methyl (E)-2-[2-[6-(2-cyanophenoxy)pyrimidin-4-yl]oxy(phenyl)-3-methoxyacrylate].....22.9%

OTHER INGREDIENTS:.....77.1%

TOTAL:.....100.0%

Contains 2.08 lb. a.i. of active ingredient per gallon.

\*UPAC

## KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID	
If swallowed:	<ul style="list-style-type: none"> <li>Call a poison control center or doctor immediately for treatment advice.</li> <li>Have person sip a glass of water if able to swallow.</li> <li>Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul>
If skin or clothing:	<ul style="list-style-type: none"> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency information concerning this product, call the National Pesticides Information Center (NPIC) at 1-800-858-7378 seven days a week, 6:30 am to 4:30 pm Pacific Time or your poison control center at 1-800-222-1222.	

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if swallowed. Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing.

EPA Reg. No. 87290-xx

EPA Est. No.

Manufactured for:  
Willowood, LLC  
1600 NW Garden Valley Blvd. #120  
Roseburg, OR 97471

Net Contents:





North East, Harborcreek, Lawrence Park, Erie, Presque Isle, Millcreek, Fairview, Girard and Springfield

This prohibition is intended to help eliminate phytotoxicity problems with apples observed in this geographic location.

**FAILURE TO FOLLOW THE USE DIRECTIONS AND PRECAUTIONS ON THIS LABEL MAY RESULT IN PLANT INJURY OR POOR DISEASE CONTROL.**

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

#### AGRICULTURAL USES

Commercial turf farm use (Not for use in California).

##### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Chemical-resistant gloves made of any waterproof material such as polyvinyl chloride, nitrile rubber or butyl rubber
- Shoes plus socks

#### NON-AGRICULTURAL USES

Golf Courses (Not for use in California).

For use to control diseases on turf on golf courses, lawns and landscape areas around residential, institutional, public, commercial and industrial buildings, parks, recreational areas and athletic fields.

##### NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. The area being treated must be vacated by unprotected persons.

Do not treat areas while unprotected humans or domestic animals are present in the treatment areas. Because certain states may require more restrictive reentry intervals, consult your State Department of Agriculture for further information.

Do not allow entry into treatment area until area that was treated with this product is dry.

#### RESISTANCE MANAGEMENT

Willowood Azoxystrobin 2.08SC is a broad spectrum, preventative fungicide with systemic and curative properties recommended for the control of many important plant diseases. Willowood Azoxystrobin 2.08SC may be applied as a foliar spray in alternating spray programs or in tank mixes with other

registered crop protection products. All applications must be made according to the use directions that follow.

#### RESTRICTIONS

Do not graze or feed clippings from treated turf areas to animals.

Do not use for disease control in food crops grown in greenhouses.

DO NOT spray Willowood Azoxystrobin 2.08SC where spray drift may reach apple trees.

DO NOT spray when conditions favor drift beyond area intended for application. Conditions which may contribute to drift include thermal inversion, wind speed and direction, sprayer nozzle/pressure combinations, spray droplet size, etc. Contact your State extension agent for spray drift prevention guidelines in your area.

DO NOT use spray equipment which has been previously used to apply Willowood Azoxystrobin 2.08SC to spray apple trees. Even trace amounts can cause unacceptable phytotoxicity to certain apple and crabapple varieties.

#### PRECAUTIONS

Willowood Azoxystrobin 2.08SC is extremely phytotoxic to certain apple varieties.

AVOID SPRAY DRIFT. Extreme care must be used to prevent injury to apple trees (and apple fruit).

AVOIDING SPRAY DRIFT IS THE RESPONSIBILITY OF THE APPLICATOR.

Willowood Azoxystrobin 2.08SC may demonstrate some phytotoxic effects when mixed with products that are formulated as EC's. These effects are enhanced if applications are made under cool, cloudy conditions and these conditions remain for several days following application. In addition, adjuvants that contain some form of silicone have also contributed to phytotoxicity.

#### USE INSTRUCTIONS

**Application:** Thorough coverage is necessary to provide good disease control. Make no more spray solution than is needed for application. Avoid spray overlap, as crop injury may occur.

**Adjuvants:** When an adjuvant is to be used with this product, the use of an adjuvant that meets the standards of the Chemical Producers and Distributors Association (CPDA) adjuvant certification is recommended.

**Efficacy:** Under certain conditions conducive to extended infection periods, use another registered fungicide for additional applications if maximum amount of Willowood Azoxystrobin 2.08SC has been used. If resistant isolates to Group 11 fungicides are present, efficacy can be reduced for certain diseases. The higher rates in the rate range and/or shorter spray intervals may be required under certain conditions of heavy infection pressure, with highly susceptible varieties, or when environmental conditions are conducive to disease.

#### INTEGRATED PEST (DISEASE) MANAGEMENT

Willowood Azoxystrobin 2.08SC should be integrated into an overall disease and pest management strategy whenever the use of a fungicide is required. Cultural practices known to reduce disease development should be followed. This should include selection of varieties with disease tolerance, removal of plant debris in which inoculum overwinters, and proper timing and placement of irrigation. Consult your local agricultural authorities for additional IPM strategies established for your area. Willowood Azoxystrobin 2.08SC may be used in State Agricultural Extension advisory (disease forecasting) programs which recommend application timing based on environmental factors favorable for disease development.

**Crop Tolerance:** Plant tolerance has been found to be acceptable for all crops on the label, however, not all possible tank-mix combinations have been tested under all conditions. When possible, it is

Author: emalone Subject: Sticky Note Date: 12/11/2013 2:03:09 PM  
This statement is confusing to me. The first page of the label indicates that this product can be applied to turf. Here under the restrictions it is stated that non-ag sites may apply this product in greenhouses on grass, turf, or ornamental plants. Then in the turf section it is stated that this product can be applied to golf courses, lawns and landscape areas around residential, institutional, public, commercial and industrial buildings, parks, recreational areas and athletic fields. No where do I see ornamentals listed in those use directions and I also do not understand how applications to golf course turf or the commercial turf sites could be done in a greenhouse. I do see that this contradiction is from the cited label, but we need to clear this up on your label as to not perpetuate the error.

Author: emalone Subject: Highlight Date: 12/11/2013 1:55:36 PM

Author: emalone Subject: Cross-Out Date: 12/9/2013 11:38:26 AM

This page contains no comments

recommended to test the combinations on a small portion of the crop to ensure that a phytotoxic response will not occur as a result of application. See the PRECAUTIONS section for apple phytotoxicity information.

#### RESISTANCE MANAGEMENT

GROUP	11	FUNGICIDE
-------	----	-----------

Willowood Azoxystrobin 2.06SC (azoxystrobin) is a Group 11 fungicide. The mode of action for Willowood Azoxystrobin 2.06SC is the inhibition of the QoI (quinone outside) site within the electron transport system (Group 11). Fungal pathogens can develop resistance to products with the same mode of action when used repeatedly. Because resistance development cannot be predicted, use of this product should conform to resistance management strategies established for the crop and use area. Consult your local or State agricultural authorities for resistance management strategies that are complementary to those in this label. Resistance management strategies may include alternating and/or tank-mixing with products having different modes of action or limiting the total number of applications per season. Syngenta encourages responsible resistance management to ensure effective long-term control of the fungal diseases on this label.

Follow the crop specific resistance management recommendations in the directions for use.

If no resistance recommendation on number of applications is specified in the directions for use, follow the recommendations in the table below.

If planned total number of fungicide applications per crop is:	1	2	3	4	5	6	7	8	9	10	11	12
Recommended Solo QoI fungicide sprays	1	1	2	2	2	2	2	3	3	3	3	4
Recommended QoI fungicide sprays in mixture (tank-mix formulated)	1	2	2	2	2	3	3	4	4	5	5	6

In situations requiring multiple sprays, develop season long spray programs for Group 11 (QoI) fungicides. In crops where two sequential Group 11 fungicide applications are made, they should be alternated with two or more applications of a fungicide that is not in Group 11. If more than 12 applications are made, observe the following guidelines:

- When using QoI fungicide as a solo product, the number of applications must be no more than 1/3 (33%) of the total number of fungicide applications per season.
- For QoI mixes in programs in which tank mixes or pre mixes of QoI with mixing partners of a different mode of action are utilized, the number of QoI containing applications must be no more than 1/2 (50%) of the total number of fungicide applications per season.
- In programs in which applications of QoI are made with both solo products and mixtures, the number of QoI containing applications must be no more than 1/2 (50%) of the total number of fungicide applications per season.

If Group 11 fungicide is applied to the seed or soil, do not make another application with a Group 11 fungicide for at least 3 weeks.

#### Rotational Crop Restrictions

The following crops may be planted at the specified interval following application of this product.

Crop Rotational Interval	Plant Back Interval
Buckwheat, millet	12 months
All other crops with Azoxystrobin registered uses	0 days

**SOILBORNE/SEEDLING DISEASE CONTROL**

For those crops that have specific use directions for soilborne disease control: Willowood Azoxystrobin 2.08SC can provide control of many soilborne diseases if applied early in the growing season. Specific applications for soilborne diseases include in-furrow applications and banded applications applied over the row, either shortly after plant emergence or during herbicide applications or cultivation. These applications will provide control of pre- or postemergence damping off and diseases that infect plants at the soil-plant interface.

The use of either type of application depends on the cultural practices in the region. In some locations, one type of application may provide better disease control than the other, depending on the timing of the disease epidemic. Seedling diseases are generally controlled by in-furrow applications while banded applications are more effective against soilborne diseases that develop later in the season. Consult your local expert to get some guidance regarding application type.

Under cool, wet conditions, crop injury from soil directed applications can occur.

**BANDED**

- Apply Willowood Azoxystrobin 2.08SC prior to infection as a directed spray to the soil, using single or multiple nozzles, adjusted to provide thorough coverage of the lower stems and the soil surface surrounding the plants.
- Band width should be limited to 7 inches or less.
- Apply Willowood Azoxystrobin 2.08SC at a rate of 0.40-0.80 fl. oz. product (0.10-0.20 oz. a.i.)/1000 row feet. For banded applications on 22-inch rows, the maximum application rate is 0.70 fl. oz./1000 row feet.
- These applications come into contact with the foliage and are counted as foliar applications when considering resistance management.
- They may be applied during cultivation or hilling operations to provide soil incorporation.

**IN-FURROW**

- Apply Willowood Azoxystrobin 2.08SC as an in-furrow spray in 3-15 gallons of water at planting.
- Mount the spray nozzle so the spray is directed into the furrow just before the seeds are covered.
- Use the higher rate when the weather conditions are expected to be conducive for disease development, if the field has a history of Pythium problems, or if minimum/low till programs are in place.

**IN-FURROW APPLICATION RATES**

RATE PER 1000 ROW FEET		PRODUCT PER ACRE (fl. oz.)						
Fl. oz. product	Oz. a.i.	22" Rows	30" Rows	32" Rows	34" Rows	36" Rows	38" Rows	40" Rows
0.40	0.10	9.5	7.0	6.5	6.1	5.8	5.5	5.2
0.60	0.15	14.3	10.5	9.8	9.2	8.7	8.3	7.8
0.80	0.20	19.0	14.0	13.0	12.2	11.6	11.0	10.4

22" = 23,760 row ft., 30" = 17,424 row ft., 32" = 16,315 row ft., 34" = 15,374 row ft., 36" = 14,520 row ft., 38" = 13,754 row ft., and 40" = 13,068 row ft./Acre

**DRIP**

Refer to the Application Instructions Through Irrigation System section.

**SPRAY DRIFT MANAGEMENT**

To avoid spray drift, do not apply when conditions favor drift beyond the target area. The interaction of many equipment and weather related factors determine the potential for spray drift. AVOIDING SPRAY DRIFT AT THE APPLICATION SITE IS THE RESPONSIBILITY OF THE APPLICATOR AND THE GROWER.

**ATTENTION**

Willowood Azoxystrobin 2.08SC is extremely phytotoxic to certain apple varieties.

Author: emalone Subject: Sticky Note Date: 12/9/2013 12:08:59 PM

Cited labels specify that you cannot apply more than 15 fl oz/A. Shade out this box as this rate and row spacing are not an option for applicators.

Author: emalone Subject: Highlight Date: 12/9/2013 12:08:11 PM

This page contains no comments

AVOID SPRAY DRIFT. Extreme care must be used to prevent injury to apple trees (and apple fruit).

DO NOT spray Willowood Azoxystrobin 2.08SC where spray drift may reach apple trees.

DO NOT spray when conditions favor drift beyond area intended for application. Conditions which may contribute to drift include thermal inversion, wind speed and direction, sprayer nozzle/pressure combinations, spray droplet size, etc. Contact your State extension agent for spray drift prevention guidelines in your area.

DO NOT use spray equipment which has been previously used to apply Willowood Azoxystrobin 2.08SC to spray apple trees. Even trace amounts can cause unacceptable phytotoxicity to certain apple and crabapple varieties.

AVOIDING SPRAY DRIFT IS THE RESPONSIBILITY OF THE APPLICATOR.

Do not apply when weather conditions favor drift from treated areas to non-target aquatic habitat.

#### MIXING AND APPLICATION METHODS

##### Spray Equipment

Willowood Azoxystrobin 2.08SC may be applied with all types of spray equipment commonly used for making ground and aerial applications. Proper adjustments and calibration of spraying equipment to give good canopy penetration and coverage is essential for good disease control.

##### Nozzles

- Equip sprayers with nozzles that provide accurate and uniform application.
- Nozzles should be the same size and uniformly spaced across the boom.
- Calibrate sprayer before use.
- It is suggested that screens be used to protect the pump and to prevent nozzles from clogging.
- Screens placed on the suction side of the pump should be 16-mesh or coarser.
- Do not place a screen in the recirculation line.
- Use 50-mesh or coarser screens between the pump and boom, and where required, at the nozzles.
- Check nozzle manufacturer's recommendations.

##### Pump

- Use a pump with capacity to:
  - (1) Maintain 35-40 psi at nozzles
  - (2) Provide sufficient agitation in tank to keep mixture in suspension – this requires recirculation of 10% of tank volume per minute.
- Use a jet agitator or liquid sparge tube for agitation.
- Do not air sparge.

For more information on spray equipment and calibration, consult sprayer manufacturers and state recommendations. For specific local directions and spray schedules, consult the current state agricultural recommendations.

##### Mixing Instructions

- Willowood Azoxystrobin 2.08SC is a suspension concentrate (SC) formulation.
- Prepare no more spray mixture than is required for the immediate operation.
- Thoroughly clean spray equipment before using this product.
- Agitate the spray solution before and during application.
- Rinse spray tank thoroughly with clean water after each day's use and dispose of pesticide rinsate by application to an already treated area.

##### Willowood Azoxystrobin 2.08SC Alone (No Tank Mix)

- Add 1/2 - 2/3 of the required amount of water to the spray or mixing tank.
- With the agitator running, add Willowood Azoxystrobin 2.08SC to the tank.
- Continue agitation while adding the remainder of the water.

This page contains no comments

- Begin application of the spray solution after Willowood Azoxystrobin 2.08SC has completely dispersed into the mix water.
- Maintain agitation until all of the mixture has been sprayed.

**Willowood Azoxystrobin 2.08SC + Tank Mixtures:** Willowood Azoxystrobin 2.08SC is usually compatible with all tank-mix partners listed on this label. To determine the physical compatibility of Willowood Azoxystrobin 2.08SC with other products, use a jar test. Using a quart jar, add the proportionate amounts of the products to 1 qt. of water. Add wettable powders and water dispersible granular products first, then liquid flowables, and emulsifiable concentrates last. After thoroughly mixing, let stand for at least 5 minutes. If the combination remains mixed or can be remixed readily, it is physically compatible. Once compatibility has been proven, use the same procedure for adding required ingredients to the spray tank.

Willowood Azoxystrobin 2.08SC has demonstrated some phytotoxic effects when mixed with products that are formulated as emulsifiable concentrates (EC). These effects are enhanced if applications are made under cool, cloudy conditions and these conditions remain for several days following application. In addition, adjuvants that contain some form of silicone have also contributed to phytotoxicity.

#### **Mixing In the Spray Tank**

- Add 1/2 - 2/3 of the required amount of water to the spray or mixing tank.
- With the agitator running, add the tank-mix partner(s) into the tank in the same order as described above.
- Allow the material to completely dissolve and disperse into the mix water. Continue agitation while adding the remainder of the water and Willowood Azoxystrobin 2.08SC to the spray tank.
- Allow Willowood Azoxystrobin 2.08SC to completely disperse.
- Spray the mixture with the agitator running.

#### **APPLICATION INSTRUCTIONS THROUGH IRRIGATION SYSTEMS (CHEMIGATION)**

##### **Application Through Irrigation Systems (Chemigation)**

- Use only on crops for which chemigation is specified on this label.
- Apply this product only through center pivot, solid set, hand move, or moving wheel irrigation systems. Do not apply this product through any other type of irrigation system.
- Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water.
- Apply in 0.1-0.25 inches/acre. Excessive water may reduce efficacy.
- If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers, or other experts.
- Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system, unless the pesticide label-prescribed safety devices for public water systems are in place.
- A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

**Spray Preparation:** Chemical tank and injector system should be thoroughly cleaned. Flush system with clean water.

**Drip Irrigation:** Willowood Azoxystrobin 2.08SC may be applied through drip irrigation systems for soilborne disease control. The soil should have adequate moisture capacity prior to drip application.

Terminate drip irrigation at fungicide depletion from the main feed supply tank or after 6 hours from start, whichever is shorter. For maximum efficacy, subsequent irrigation (water only) should be delayed for at least 24 hours following drip application.

##### **Sprinkler Irrigation**

- Apply this product through sprinkler irrigation systems including center pivot, lateral move, end low, side [wheel] roll, traveler, big gun, solid set, or hand move irrigation systems.

This page contains no comments

- Do not apply this product through any other type of irrigation system except as specified on this label.
- Apply with center pivot or continuous-move equipment distributing  $\frac{1}{2}$  acre-inch or less during treatment.
- In general, use the least amount of water required for proper distribution and coverage.
- If stationary systems (solid set, handlines or wheel lines other than continuous-move) are used, this product should be injected into no more than the last 20-30 minutes of the set.
- Do not apply when winds are greater than 10-15 mph to avoid drift or wind skips.
- Do not apply when wind speed favors drift beyond the area intended for treatment.
- Plant injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform treated water.
- Thorough coverage of foliage is required for good control.
- Good agitation should be maintained during the entire application period.

If you have questions about calibration you should contact State Extension Service specialist, equipment manufacturers or other experts.

#### Operating Instructions

- 1) Do not apply when wind speed favors drift beyond the area intended for treatment.
- 2) The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water-source contamination from backflow.
- 3) The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- 4) The pesticide injection pipeline must also contain a functional, normally closed solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- 5) The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- 6) The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
- 7) Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- 8) Allow sufficient time for pesticide to be flushed through all lines and all nozzles before turning off irrigation water. A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.
- 9) Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.

#### Center Pivot Irrigation Equipment

Notes: (1) Use only with drive systems which provide uniform water distribution. (2) Do not use end guns when chemigating Willowood Azoxystrobin 2.08SC through center pivot systems because of non-uniform application.

- Determine the size of the area to be treated.
- Determine the time required to apply 1/8-1/2 inch of water over the area to be treated when the system and injection equipment are operated at normal pressures as specified by the equipment manufacturer. When applying Willowood Azoxystrobin 2.08SC through irrigation equipment, use the lowest obtainable water volume while maintaining uniform distribution. Run the system at 80-95% of the manufacturer's rated capacity.
- Using water, determine the injection pump output when operated at normal line pressure.
- Determine the amount of Willowood Azoxystrobin 2.08SC required to treat the area covered by the irrigation system.



This page contains no comments

- Add the required amount of Willowood Azoxystrobin 2.08SC and sufficient water to meet the injection time requirements to the solution tank.
- Make sure the system is fully charged with water before starting injection of the Willowood Azoxystrobin 2.08SC solution. Time the injection to last at least as long as it takes to bring the system to full pressure.
- Maintain constant solution tank agitation during the injection period.
- Continue to operate the system until the Willowood Azoxystrobin 2.08SC solution has cleared the sprinkler head.

#### Solid Set, Hand Move, and Moving Wheel Irrigation Equipment

- Determine the acreage covered by the sprinklers.
- Fill injector solution tank with water and adjust flow rate to use the contents over a 20 to 30-minute interval. When applying Willowood Azoxystrobin 2.08SC through irrigation equipment use the lowest obtainable water volume while maintaining uniform distribution.
- Determine the amount of Willowood Azoxystrobin 2.08SC required to treat the area covered by the irrigation system.
- Add the required amount of Willowood Azoxystrobin 2.08SC into the same quantity of water used to calibrate the injection period.
- Operate the system at the same pressure and time interval established during the calibration.
- Stop injection equipment after treatment is completed. Continue to operate the system until the Willowood Azoxystrobin 2.08SC solution has cleared the last sprinkler head.

#### Specific Instructions for Public Water Systems

1. Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.
2. Chemigation systems connected to public water systems must contain a functional reduced-pressure zone, back-flow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.
3. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
4. The pesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
5. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.
6. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
7. Do not apply when wind speed favors drift beyond the area intended for treatment.

#### USE INSTRUCTIONS

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Alfalfa (See Nongrass Animal			

This page contains no comments

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Feeds Forage, Fodder, Straw and Hay)			
Almonds	Alternaria Leaf and Fruit Spot ( <i>Alternaria alternata</i> ) Anthracnose ( <i>Colletotrichum acutatum</i> ) Leaf Blight ( <i>Seimatosporium lichenicola</i> ) Leaf Rust ( <i>Tranzschelia discolor</i> ) Scab ( <i>Cladosporium carophilum</i> ) Shot Hole ( <i>Wilsonomyces carophilus</i> )	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease and continue throughout the season following the resistance management guidelines. Applications may be made by ground, air or chemigation. For aerial applications apply in a minimum of 15 GPA. Thorough and uniform coverage is essential for disease control. Reduced efficacy has been observed when uniform coverage cannot be obtained.  Willowood Azoxystrobin 2.08SC may be applied by air only at growth stages prior to and including 5 weeks after petal fall. An adjuvant may be added at specified rates.
	Brown Rot Blossom Blight ( <i>Monilinia laxa, M fructicola</i> )	12.0-15.5 (0.20-0.25)	Anthracnose, scab and shot hole: Begin applications prior to disease development and continue at 7- to 14- day intervals throughout the season.  Blossom blight: Begin applications at early bloom and continue through petal fall.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
Specific Use Restrictions: 1) Do not apply more than 92.3 fl. oz. of product/A/season. 2) Do not apply more than 1.5 lb. a.i./A/season of azoxystrobin-containing products. 3) Do not apply within 28 days of harvest (28-day PHI).			

This page contains no comments

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Artichoke, Globe	Ramularia Leaf Spot ( <i>Ramularia cynarae</i> )	11.0-15.5 (0.18-0.25)	<p>Begin applications prior to or in the early stages of disease development and continue as needed throughout the season at a 2-3 week interval, up to and including the day of harvest. Do not apply at less than 7-day intervals. Applications may be made by ground, air or chemigation. For ground applications, apply in 50-200 gallons of water per acre to obtain coverage without excessive runoff. For aerial applications, apply in a minimum of 5 gallons of water per acre. An adjuvant may be added at specified rates.</p> <p>Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.</p>
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 92.3 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.5 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Asparagus	Stemphylium Purple Spot ( <i>Stemphylium vesicarium</i> )	6.0-15.5 (0.10-0.25)	<p>Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season on a 7- to 14-day schedule, following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates. Use a minimum of 10 gallons of water per acre by air. An adjuvant may be added at specified rates.</p> <p>Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.</p>
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 92.3 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.5 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 100 days of harvest (100-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Bananas Plantains	Black Sigatoka ( <i>Mycosphaerella</i> <i>fijiensis</i> ) Yellow Sigatoka ( <i>Mycosphaerella</i> <i>musicola</i> )	5.5-8.5 (0.09-0.135)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season every 12-14 days following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates. Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternations with a fungicide that is not in Group 11.
<b>Specific Use Restrictions:</b> 1) Do not apply more than 66.4 fl. oz. of product/A/season. 2) Do not apply more than 1.08 lb. a.i./A/season of azoxystrobin-containing products. 3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Cereals	Kernel Blight ( <i>Alternaria</i> sp.)	6.0-12.0 (0.10-0.20)	Willowood Azoxystrobin 2.08SC should be applied prior to disease development. Protecting the flag leaf is important for maximizing disease control. For best results, sufficient water volume must be used to provide thorough coverage. Willowood Azoxystrobin 2.08SC can be applied by ground, air or chemigation. A crop oil concentrate adjuvant may be added at 1% v/v to optimize efficacy. For chemigation, apply in 0.1-0.25 inches/A of water. Chemigation with excessive water may lead to a decrease in efficacy. Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11. Do not make more than two (2) applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicide per season.
Barley Oats Rye	Leaf Rust ( <i>Puccinia hordei</i> )	9.0-12.0 (0.15-0.20)	
	Barley Stripe ( <i>Drechslera</i> <i>graminea</i> = <i>Pyrenophora graminea</i> ) Net Blotch ( <i>Pyrenophora</i> <i>teres</i> )	12.0 (0.20)	
	Powdery Mildew ( <i>Erysiphe graminis</i> f. sp. <i>Hordei</i> ) Stagonospora Blotch ( <i>Stagonospora</i> <i>nodorum</i> )		
<b>Specific Use Restrictions:</b> 1) Do not apply after Feekes 10.54.			

Author: emalone Subject: Sticky Note Date: 12/11/2013 10:46:39 AM

Replace with Current

Author: emalone Subject: Highlight Date: 12/11/2013 10:56:31 AM

2) Do not apply more than 0.40 lb. a.i./A/season of azoxystrobin-containing products. 3) Do not apply within 7 days of grazing or harvest (7-day PHI) for forage and hay.			
Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Berries</b> <b>Bushberry</b> <b>Subgroup 13-07B</b>  Aronia Berry Blueberry, Highbush Blueberry, Lowbush Buffalo Currant Chilean Guava Cranberry Highbush Highbush Black Currant, Red Elderberry European Barberry Gooseberry Honeysuckle, Edible Huckleberry Jostaberry Juneberry (Saskatoon Berry) Lingonberry Native Currant Salal Sea Buckthorn  Including all cultivars and/or hybrids of these.	Alternaria Fruit Rot (Alternaria spp.) Anthracnose Fruit Rot (Colletotrichum gloeosporioides) Botryosphaeria Canker (Botryosphaeria spp.) Monilinia (Monilinia vaccinii-corymbosi) Phomopsis Stem Canker (Phomopsis vaccinii) Powdery Mildew (Sphaerotheca spp.) Septoria Blight (Septoria spp.)	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season on a 7- to 14- day schedule, following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
<b>Specific Use Restrictions:</b> 1) Do not apply more than 46 fl. oz. of product/A/season. 2) Do not apply more than 0.75 lb. a.i./A/season of azoxystrobin-containing products. 3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Berries,</b> <b>Caneberry Subgroup</b> <b>13-07A</b>  Blackberry Bingleberry Boysenberry Dewberry Lowberry Marionberry Olallieberry	Anthracnose (Spaceloma necator) (Elsinoe veneta) Botryosphaeria Canker (Botryosphaeria dothidea) Colletotrichum Rot (Colletotrichum gloeosporioides) Leaf Spot (Septoria rubi) (Sphaerulina rubi)	6.0-15.5 (0.10-0.25)	Begin applications at onset of disease and continue until harvest. Make applications on a 7- to 14-day schedule. Use a minimum water volume of 10 gallons per acre by ground and a minimum of 3 gallons by air.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group

This page contains no comments

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Youngberry Loganberry Red and Black Raspberry Wild Raspberry  Including all cultivars and/or hybrids of these	Powdery Mildew ( <i>Sphaerotheca macularis</i> )  Rosette or Double Blossom of Blackberries ( <i>Cercospora rubi</i> ) Spur Blight ( <i>Didymella applanata</i> )  Blackberry Rust ( <i>Phragmidium</i> spp.)	10-15.5 (0.16-0.25)	t1 fungicides before alternation with a fungicide that is not in Group 11.
<b>Specific Use Restrictions:</b> 1) Do not apply more than 92.3 fl. oz. of product/A/season. 2) Do not apply more than 1.5 lb. a.i./A/season of azoxystrobin-containing products. 3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Berry, Low Growing Subgroup 13-07G (except Cranberry)</b>  Strawberry  See additional crops below.	Anthracnose ( <i>Colletotrichum fragariae</i> )  Leather Rot ( <i>Phytophthora cactorum</i> )  Powdery Mildew ( <i>Sphaerotheca macularis</i> )  Suppression of Botrytis on the Foliage ( <i>Botrytis cinerea</i> )	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season on a 7- to 10- day schedule, following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  For leather rot control apply 2 applications on a 7-day schedule from late bloom through harvest.  For dip applications at transplanting for commercial berry production: For suppression of root and crown rot caused by <i>Colletotrichum</i> spp., mix 5-8 fl. oz. of Willowood Azoxystrobin 2.08SC per 100 gallons of water. Dip plants for 2-5 minutes. Plant treated plants as quickly as possible. It is recommended that transplants be washed to remove excess soil prior to dipping. For continued anthracnose control, follow with foliar applications beginning 2-3 weeks after transplant.

This page contains no comments

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
			Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	Soilborne Diseases Seedling Root Rot, Basal Stem Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the SOILBORNE/SEEDLING DISEASE CONTROL section.
<b>Additional Low Growing Berries:</b> Bearberry, Bilberry, Cloudberry, Muntries, Partridgeberry including all cultivars and/or hybrids of these.			
<b>Specific Use Restrictions:</b> 1) Do not apply more than 61.5 fl. oz. of product/A/season. 2) Do not apply more than 1.0 lb. a.i./A/season of azoxystrobin-containing products. 3) Do not use in plant propagation nurseries. 4) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Brassica Head and Stem Subgroup</b>  Broccoli Chinese Broccoli (gai lon) Brussels Sprouts Cabbage Chinese Cabbage (napa) Chinese Mustard Cabbage (gai choy) Cauliflower Cavalo Broccolo Kohlrabi  Including all cultivars and/or hybrids of these	Alternaria Leaf Spot ( <i>Alternaria</i> spp.) Downy Mildew ( <i>Peronospora parasitica</i> ) Pin Rot ( <i>Alternaria</i> spp.)	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season on a 7- to 14-day schedule, following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates. Use a minimum of 10 gallons of water per acre by ground, and minimum of 3 gallons per acre by air.  Do not apply more than two applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
<b>Specific Use Restrictions:</b> 1) Do not apply more than 92.3 fl. oz. of product/A/season. 2) Do not apply more than 1.5 lb. a.i./A/season azoxystrobin-containing products. 3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).			

This page contains no comments

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Brassica</b> <b>Leafy Greens</b> <b>Subgroup</b>  Broccoli Raab Cabbage, Chinese Collards Kale Mizuna Mustard Greens Mustard Spinach Rape Greens  Including all cultivars and/or hybrids of these	Black Spot ( <i>Alternaria</i> spp.) Cercospora Leaf Spot (Cercospora spp.) White Rust ( <i>Uromyces</i> <i>candida</i> )	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season on a 7- to 14- day schedule, following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	<b>Soilborne Diseases</b> Seeding Root Rot, Basal Stem Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seeding disease control, see directions and rates under the SOILBORNE/SEEDLING DISEASE CONTROL section.

**Specific Use Restrictions:**

- 1) Do not apply more than 46 fl. oz. of product/A/season.
- 2) Do not apply more than 0.75 lb. a.i./A/season of azoxystrobin-containing products.
- 3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Bulb Vegetables</b> <b>Crop Group 3-07</b>	<b>Foliar Diseases</b> Cladosporium Leaf Blotch ( <i>Cladosporium</i> <i>allii</i> )	6.0-12.0 (0.10-0.20)	For downy mildew, make preventative applications on a 5- to 7-day schedule.
Garlic Leek Onion, bulb Daylily, bulb Fritillaria, bulb Garlic, bulb Garlic, great- headed, bulb Garlic, serpent, bulb Lily, bulb Onion, bulb Onion, Chinese, bulb Onion, pearl Onion, potato, bulb Shallot, bulb Onion, green Chive, fresh leaves Chive, Chinese,	Purple Blotch ( <i>Alternaria</i> <i>porni</i> ) Rust ( <i>Puccinia allii</i> ) Botrytis Leaf Blight ( <i>Botrytis aclada</i> ) Downy Mildew ( <i>Peronospora</i> <i>destructor</i> )	9.0-15.5 (0.15-0.25)	For all other diseases, Willowood Azoxytrobilin 2.08SC applications should begin prior to disease development and continue throughout the season every 7-14 days following the resistance management guidelines. Applications may be made by ground, air or chemigation. If applications are made by air, the higher rates should be used for adequate control. An adjuvant may be added at specified rates.  Do not apply more than one application of Willowood Azoxytrobilin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.



This page contains no comments

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
fresh leaves Elegans, hosta Fritillaria, leaves Kurrat Lady's leek Leek Leek, wild Onion, Beltsville bunching Onion, fresh Onion, green Onion, macrostem Onion, tree, tops Onion, Welsh, tops Shallot, fresh leaves  Including all cultivars and/or hybrids of these			Mixtures of Willowood Azoxystrobin 2.08SC with insecticides and silicone adjuvants must be tested for crop safety before application to the crop.
	<b>Soilborne Diseases</b> Rhizoctonia Damping- Off ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions under the <b>SOILBORNE/SEEDLING DISEASE</b> <b>CONTROL</b> section. If the application is an in-furrow application, the spray should be made just prior to seed placement so that the majority of the chemical is under the seed. This will reduce the potential for phytotoxicity, especially if fertilizer is added to the application.
<b>Specific Use Restrictions:</b> 1) Do not apply more than 92.3 fl. oz. of product/A/season. 2) Do not apply more than 1.5 lb. a.i./A/season of azoxystrobin-containing products. 3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Canola</b> (see Oilseed Crops for additional information)	Alternaria Blackspot ( <i>Alternaria</i> spp.) Blackleg ( <i>Leptosphaeria</i> <i>maculans</i> ) Sclerotinia Stem Rot ( <i>Sclerotinia</i> <i>sclerotiorum</i> )	6.0-15.5 (0.10-0.25)	In general, apply 7.0 fl. oz. of Willowood Azoxystrobin 2.08SC at early bud followed by 14.0 fl. oz. at about 45 days before harvest. A third application of 7.0 fl. oz. may be made 30 days before harvest.  Specifically for blackleg, Willowood Azoxystrobin 2.08SC applications should be made at the 2- to 4-leaf stage. For Alternaria or Sclerotinia,

This page contains no comments

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
			<p>9.0-15.5 fl. oz. product/A should be applied at 10-25% flowering (3-7 days following first flower). Use the higher rate under heavy disease pressure or when conditions are favorable for disease. For control of Alternaria alone, 8.0 fl. oz. product/A may be applied at pod stage (approximately 95% petal fall).</p> <p>Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in the Group 11.</p> <p>Applications may be made by ground, air or chemigation. Use a minimum of 10 gallons of water per acre for ground applications.</p>
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 27.6 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 0.45 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 30 days of harvest (30-day PHI).</li> </ol>			

This page contains no comments

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Carrots	Early Blight ( <i>Cercospora carotae</i> ) Late Blight ( <i>Alternaria dauci</i> ) White Mold ( <i>Sclerotium rolfsii</i> )  For additional diseases, see Vegetables, Root, Subgroup.	9.0-20.0 (0.15-0.33)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season every 7-14 days following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	Soilborne Diseases Rhizoctonia Root Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.
Specific Use Restrictions: 1) Do not apply more than 123 fl. oz. product/A/season. 2) Do not apply more than 2.0 lb. a.i./A/season of azoxystrobin-containing products. 3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Celery	Early Blight ( <i>Cercospora apii</i> ) Late Blight ( <i>Septoria apicola</i> )  For additional diseases, see Leafy Vegetables.	9.0-15.5 (0.15-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season every 7-14 days following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	Soilborne Diseases Rhizoctonia Root Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.

This page contains no comments

<b>Specific Use Restrictions:</b> 1) Do not apply more than 92.3 fl. oz. of product/A/season. 2) Do not apply more than 1.5 lb. a.i./A/season of azoxystrobin-containing products. 3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).			
---	--	--	--

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Christmas Trees	Diplodia Tip Blight ( <i>Diplodia pinea</i> ) Lophodermium Needlecast ( <i>Lophodermium pinastri</i> ) Swiss Needlecast ( <i>Phaeocryptopus gaumannii</i> )	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season at 7- to 21-day intervals following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
<b>Specific Use Restrictions:</b> 1) Do not apply more than 123 fl. oz. product/A/season. 2) Do not apply more than 2.0 lb. a.i./A/season of azoxystrobin-containing products.			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Citrus Fruit Crop Group 10-10  Calamondin Citron Grapefruit Kumquat Lemon Lime Mandarin Orange (sour and sweet) Pummelo Salsuma Mandarin Tangerine  Including all cultivars and/or hybrids of these.	Albinism ( <i>Altemaria altermaria pv citri</i> ) Altemaria Leaf and Fruit Spot ( <i>Altemaria citri</i> ) Cercospora Leaf Spot ( <i>Cercospora</i> spp.) Diplodia Stem-End Rot ( <i>Diplodia natalensis</i> ) Greasy Spot ( <i>Mycosphaerella citri</i> ) Melanose ( <i>Diaporthe citri</i> ) Penicillium Decays Green Mold, Whisker Mold, Suppression of Blue Mold ( <i>Penicillium</i> spp.) Phomopsis Stem-End Rot ( <i>Phomopsis citri</i> )	12.0-15.5 (0.20-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season on 7- to 21-day intervals following the resistance management guidelines. Under conditions that favor severe disease epidemics, the higher application rates should be used. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates. A horticultural spray oil should be used to improve control of greasy spot.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with

This page contains no comments

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
See complete list of citrus fruit crops below.	Post Bloom Fruit Drop (PFD) ( <i>Colletotrichum acutatum</i> ) Powdery Mildew ( <i>Erysiphe</i> spp.) Scab ( <i>Elsinoe fawcettii</i> ) Sweet Orange Scab ( <i>Elsinoe australis</i> )		a fungicide that is not in Group 11. Do not make more than four (4) applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicide per season.
	Black Spot ( <i>Guignardia citricarpa</i> )	9.0-15.5 (0.15-0.25)	
Pummelo Citrus Hybrid (Uniq fruit only)	Soilborne Diseases Seedling Root Rot, Basal Stem Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the SOILBORNE/SEEDLING DISEASE CONTROL section.
<b>Complete List of Citrus Fruit Crops:</b> Australian Desert Lime ( <i>Eremocitrus glauca</i> ); Australian Finger Lime ( <i>Microcitrus australasica</i> ); Australian Round Lime ( <i>Microcitrus australis</i> ); Brown River Finger Lime ( <i>Microcitrus papuana</i> ); Calamondin ( <i>Citrofortunella microcarpa</i> ); Citron ( <i>Citrus medica</i> ); Citrus Hybrids, <i>Citrus</i> spp., <i>Eremocitrus</i> spp., <i>Fortunella</i> spp., <i>Microcitrus</i> spp., and <i>Poncirus</i> spp.; Grapefruit ( <i>Citrus paradise</i> ); Japanese Summer Grapefruit ( <i>Citrus natsudaidai</i> ); Kumquat ( <i>Fortunella</i> spp.); Lemon ( <i>Citrus limon</i> ); Lime ( <i>Citrus aurantiifolia</i> ); Mediterranean Mandarin ( <i>Citrus deliciosa</i> ); Mount White Lime ( <i>Microcitrus garrowayae</i> ); New Guinea Wild Lime ( <i>Microcitrus warburgiana</i> ); Orange, Sour ( <i>Citrus aurantium</i> ); Orange, Sweet ( <i>Citrus sinensis</i> ); Pummelo ( <i>Citrus maxima</i> ); Russell River Lime ( <i>Microcitrus inodora</i> ); Satsuma Mandarin ( <i>Citrus unshiu</i> ); Sweet Lime ( <i>Citrus limetta</i> ); Tachibana Orange ( <i>Citrus tachibana</i> ); Tahiti Lime ( <i>Citrus latifolia</i> ); Tangelo ( <i>Citrus x tangelo</i> ); Tangenine (Mandarin) ( <i>Citrus reticulata</i> ); Tangor ( <i>Citrus nobilis</i> ); Trifoliate Orange ( <i>Poncirus trifoliata</i> ); Uniq Fruit ( <i>Citrus aurantium</i> Tangelo group); cultivars, varieties and/or hybrids of these.			
<b>Specific Use Restrictions:</b> 1) Do not apply more than 92.3 fl. oz. of product/A/season. 2) Do not apply more than 1.5 lb. a.i./A/season of azoxystrobin-containing products. 3) Do not use Willowood Azoxystrobin 2.08SC in citrus plant propagation nurseries. 4) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Clover (and stands containing Clover) (See Nongrass Animal Feeds Forage, Fodder, Straw and Hay)			

Author: emalone Subject: Sticky Note Date: 12/11/2013 10:58:57 AM  
 Replace with "field"  
 Author: emalone Subject: Highlight Date: 12/11/2013 10:58:45 AM

Corn  Field Pop Sweel (Includes Seed Production)	Rust ( <i>Puccinia sorghi</i> )	6.0-9.0 (0.10-0.15)	For gray leaf spot, apply Willowood Azoxystrobin 2.08SC at the onset of disease. A second application may be required 14 days later if disease pressure persists.
	Anthrachnose Leaf Blight ( <i>Colletotrichum graminicola</i> ) Eye Spot ( <i>Aureobasidium zeae</i> ) Gray Leaf Spot ( <i>Cercospora sorghi</i> ) Northern Corn Leaf Blight ( <i>Setosphaeria turcica</i> ) North Corn Leaf Spot ( <i>Cochliobolus carbonum</i> ) Southern Corn Leaf Blight ( <i>Cochliobolus heterostrophus</i> )	6.0-15.5 (0.10-0.25)	For all other diseases, Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and may continue throughout the season every 7-14 days following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11. For <del>seed</del> corn and field corn grown for seed, do not make more than two (2) applications per season.
	Early Application (V4-V8)	6.0 (0.10)	Apply Willowood Azoxystrobin 2.08SC early (V4-V8) for early season disease control and beneficial physiological benefits. If mixing with herbicides, other than solo glyphosate products, Callisto®, Callisto® Xtra, or Hallex® GT, consult your local Willowood, LLC representative.
	Soilborne Diseases Rhizoctonia Root and Stalk Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the SOILBORNE/SEEDLING DISEASE CONTROL section.
<b>Specific Use Restrictions:</b> 1) Do not apply more than 123 fl. oz. of product/A/season. 2) Do not apply more than 2.0 lb. a.i./A/season of azoxystrobin-containing products. 3) Do not apply within 7 days of harvest (7-day PHI).			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Cotton	Anthrachnose ( <i>Glomerella gossypii</i> ) Ascochyta Blight ( <i>A. gossypii</i> ) Boll Rot ( <i>A. gossypii</i> ) Cotton Rust ( <i>Puccinia</i> )	6.0-9.0 (0.1-0.15)	For optimum disease control, Willowood Azoxystrobin 2.08SC applications should begin prior to or in the early stages of disease development. Applications may be made by ground, air, or chemigation.

This page contains no comments

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
	<i>schedonnardi</i> ) Hardlock ( <i>Fusarium verticillioides</i> ) Southwestern Cotton Rust ( <i>Puccinia cacabata</i> )		<p>An adjuvant may be added at specified rates. Minimum application volumes for air and ground are 5 and 10 gallons per acre, respectively.</p> <p>The first Willowood Azoxystrobin 2.08SC application should be targeted approximately at pinhead square to first bloom to protect the plant from diseases. Subsequent application(s) are specified on a 14-21-day schedule. An additional application may be made depending on environmental conditions and the health of the cotton plant.</p> <p>Under poor environmental conditions conducive to seedling disease and poor cotton growth, Willowood Azoxystrobin 2.08SC may be applied to early season cotton to suppress damping off and other diseases which result in plant stand loss.</p> <p>Do not apply more than two foliar applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternating with a fungicide that has a different mode of action. Do not make more than three (3) foliar applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides per crop per acre per year.</p>
	Pythium Seedling Blight ( <i>Pythium aphanidermatum</i> ) Rhizoctonia Seedling Blight ( <i>Rhizoctonia solani</i> )	In-Furrow 0.40-0.80 fl. oz. product per 1000 row feet (0.10-0.20 oz. a.i. per 1000 row feet)	<p>Willowood Azoxystrobin 2.08SC Application Directions: Apply Willowood Azoxystrobin 2.08SC as an in-furrow spray in 3-7 gallons of water at planting. Mount the spray nozzle so the spray is directed into the furrow just before the seed are covered. Use the higher rate when the weather conditions are expected to be conducive for disease development, if the field has a history of Pythium problems, or if minimum/low till programs are in place.</p> <p>See the SOILBORNE/SEEDLING DISEASE CONTROL section for table illustrating total fluid ounces per acre with various row spacings.</p>
Specific Use Restrictions:			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Cranberry</b> <b>Subgroup 13-07H</b> (except Strawberry)	Cottonball ( <i>Monilinia oxycocc</i> ) Fruit Rots ( <i>Phylosporas vaccinii</i> ) ( <i>Glomerella cingulata</i> ) ( <i>Coleophoma empei</i> ) Lophodermium Twig Blight ( <i>Lophodermium</i> spp.)	6.0-15.5 (0.10-0.25)	Begin applications at 5-10% bloom for fruit rot, cottonball, and twig blight. Continue applications on a 7- to 14-day schedule if conditions are favorable for disease development. Applications may be made by ground, chemigation or air.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternations with a fungicide that is not in Group 11.
Bearberry Bilberry Blueberry, Lowbush Cloudberry Lingonberry Muntries Partridgeberry			
Including all cultivars and/or hybrids of these	Fairy Ring (suppression) ( <i>Psilocybe</i> spp.)	15.5 (0.25)	Make the first application at bud break. Measure the ring diameter and add 10 feet to that diameter. Apply Willowood Azoxystrobin 2.08SC at a rate equivalent to 15.5 fl. oz./A in 30-100 gallons of water to the affected area. Irrigation (1-2 hours) following application is advisable to ensure penetration to the base of the plant. If necessary make another application 2-4 weeks later. For ground application ensure adequate water volume for thorough canopy penetration.

**Specific Use Restrictions:**

- Do not apply more than 92.3 fl. oz. of product/A/season.
- Do not apply more than 1.5 lbs. a.i./A/season of azoxystrobin-containing products.
- Do not treat cranberry fields used for aquaculture of fish and crustaceans.
- Do not apply when weather conditions favor drift from treated areas to non-target aquatic habitat. Applicators should use care in making applications near non-target aquatic habitats.
- Do not apply to flooded crop.
- Do not allow release of irrigation or flood water to non-target aquatic habitat for at least 14 days after the last application.
- Do not apply within 3 days of harvest (3-day PHI).



This page contains no comments

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Cucurbits</b>  Cantaloupe Chayote Chinese-Waxgourd Cucumber Gourds Honeydew Melons <i>Momordica</i> spp. (bitter melon, balsam apple) Muskmelon Watermelon Pumpkin Squash Zucchini  Including cultivars and/or hybrids of these.	<b>Anthracnose</b> ( <i>Colletotrichum</i> <i> lagenarium</i> ) Belly Rot ( <i>Rhizoctonia</i> <i> solani</i> ) Downy Mildew ( <i>Pseudoperonospora</i> <i> cubensis</i> ) Gummy Stem Blight ( <i>Didymella bryoniae</i> ) Leaf Spots ( <i>Alternaria</i> spp., <i>Cercospora</i> spp.) Myrothecium Canker ( <i>Myrothecium roridum</i> ) Plectosporium Blight ( <i>Plectosporium</i> <i> labacinum</i> ) Powdery Mildew ( <i>Sphaerotheca fuliginea</i> , <i>Erysiphe cichoracearum</i> ) Ulocladium Leaf Spot ( <i>Ulocladium cucurbitae</i> )	6.0-15.5 (0.10-0.25)	For both downy and powdery mildew, make preventative applications on a 5- to 7-day schedule. For belly rot control, the first application should be made at the 1-3 leaf crop stage with a second application just prior to vine tip over or 10-14 days later whichever occurs first. For all other diseases, Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season every 7-14 days following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not tank mix Willowood Azoxystrobin 2.08SC with crop oil concentrates (COC), methylated spray oil (MSO) or silicon adjuvants.  Do not tank mix Willowood Azoxystrobin 2.08SC with Malathion, Kelthane®, Thiodan®, Phaser®, Lannate®, Lorsbane, M-Pede® or Botran®.  Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11. Do not make more than four (4) foliar applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides per crop per acre per year.
	<b>Soilborne Diseases</b> Rhizoctonia Root Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING  DISEASE CONTROL</b> section.
<b>Specific Use Restrictions:</b> 1) Do not apply more than 92.3 fl. oz. of product/A/season. 2) Do not apply more than 1.5 lbs. a.i./A/season of azoxystrobin-containing products. 3) Do not apply within 1 day of harvest (1-day PHI).			

This page contains no comments

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Fruiting Vegetables</b> <b>Crop Group 8-10</b>  Pepper Bell Pepper Non-Bell Pepper Sweet Non-Bell Pepper  Eggplant Okra Pepino  Including all cultivars and/or hybrids of these.  See specific directions for use for Tomatoes.  See complete list of fruiting vegetables below.	Anthracnose ( <i>Colletotrichum</i> spp.) Powdery Mildew ( <i>Sphaerotheca</i> spp.)          Soilborne Diseases Rhizoctonia Seedling Rot ( <i>Rhizoctonia solani</i> )	6.0-15.5 (0.10-0.25)          0.40-0.80 fl. oz./1000 row feet	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season on a 7- to 14-day schedule, following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.  For soilborne/seedling disease control, see directions and rates under the SOILBORNE/SEEDLING DISEASE CONTROL section.
<b>Complete List of Fruiting Vegetables:</b> African Eggplant; Bell Pepper; Eggplant; Martynia; Nonbell Pepper; Okra; Pea Eggplant; Pepino; Roselle; Scarlet Eggplant; cultivars, varieties; and/or hybrids of these.			
<b>Specific Use Restrictions:</b> 1) Do not apply more than 6 f.5 fl. oz. of product/A/season. 2) Do not apply more than 1.0 lb. a.i./A/season of azoxystrobin-containing products. 3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Grapes and Other Small Fruit Vine Climbing Subgroup 13-07F (except fuzzy kiwifruit)</b>  Amur River Grape Kiwifruit, Hardy Maypop Muscadines Schisandra Berry  Including all cultivars and/or hybrids of these.	Black Rot ( <i>Guignardia bidwellii</i> ) Downy Mildew ( <i>Plasmopara viticola</i> ) Phomopsis Cane and Leaf Spot ( <i>Phomopsis viticola</i> ) Powdery Mildew ( <i>Uncinula necator</i> )  Suppression Only: Botrytis Bunch Rot ( <i>Botrytis cinerea</i> )	10.0-15.5 (0.16-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season every 10-14 days following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than two sequential foliar applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
			<p>alternating with a fungicide that is not in Group 11.</p> <p><b>ATTENTION</b></p> <p>Willowood Azoxystrobin 2.08SC is extremely phytotoxic to certain apple varieties.</p> <p>AVOID SPRAY DRIFT. Extreme care must be used to prevent injury to apple trees (and apple fruit).</p> <p>DO NOT spray Willowood Azoxystrobin 2.08SC where spray drift may reach apple trees.</p> <p>DO NOT use spray equipment which has been previously used to apply Willowood Azoxystrobin 2.08SC to spray apple trees. Even trace amounts can cause unacceptable phytotoxicity to certain apple and crabapple varieties.</p> <p>AVOIDING SPRAY DRIFT IS THE RESPONSIBILITY OF THE APPLICATOR.</p>
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 92.3 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.5 lb. of azoxystrobin-containing products.</li> <li>3) Do not apply within 14 days of harvest (14-day PHI).</li> </ol>			

Author: emalone Subject: Sticky Note Date: 12/11/2013 11:04:17 AM  
 Replace with "a.i./A/season"

Author: emalone Subject: Highlight Date: 12/11/2013 11:04:31 AM

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Grasses (grown for seed)	Ergot Stem Diseases Powdery Mildew ( <i>Erysiphe graminis</i> ) Rust ( <i>Puccinia</i> spp.)	6.0-15.5 (0.10-0.25)	<p>Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season on a 10- to 14-day schedule, following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.</p> <p>Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.</p>
<b>Specific Use Restrictions:</b>			

This page contains no comments

- 1) Do not apply more than 49 fl. oz. of product/A/season.
- 2) Do not apply more than 0.8 lb. a.i./A/season of azoxystrobin-containing products.
- 3) Do not feed treated straw, seed or screenings to livestock.
- 4) Willowood Azoxystrobin 2.08SC may be applied up to 8 days prior to harvest (swathing)(8-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Herbs &amp; Spices (except black pepper)</b> <b>Crop Group 19</b> Allspice; Angelica; Anise (seed); Anise, star; Annatto; Balm; Basil; Borage; Burnel; Camomile; Caper (buds); Caraway; Caraway, black; Cardamon; Cassia (buds); Catnip; Celery Seed; Chervil (dried); Chive; Chive, Chinese; Cinnamon; Clary; Clove (buds); Coriander (cilantro) or Chinese parsley(leaf); Coriander (seed); Costmary; Culantro (leaf and seed); Cumin, Curry (leaf); Dill (seed); Dillweed; Fennel, Common; Fennel, Florence (seed); Fenugreek; Grains of Paradise; Horehound; Hyssop; Juniper (berry); Lavender; Lemongrass; Lovage (leaf and seed); Mace; Marigold; Marjoram; Mustard (seed); Nasturtium; Nutmeg; Parsley (dried); Pennyroyal; Pepper, White; Poppy Seed; Rosemary; Rue; Saffron; Sage; Savory, Summer and Winter Sweet Bay; Tansy; Tarragon; Thyme;	Corynespora Blight (Corynespora cassicola) Dill Blight (Cercosporidium punctum) Phoma Blight (Passalora puncta)	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin at the onset of disease development and continue throughout the season on a 7-day schedule, following the resistance management guidelines. Applications may be made by ground only. An adjuvant may be added at specified rates. Use a minimum of 30 gallons of water per acre.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 19 fungicides before alternation with a fungicide that is not in Group 19.

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Leafy Vegetables (except brassica)</b>	<b>Foliar Diseases</b>	6.0-15.5 (0.10-0.25)	For both downy and powdery mildew, make preventative applications on a 5- to 7-day schedule.
Amaranth	Alternaria Leaf Spot ( <i>Alternaria sonchii</i> , A. spp.)		For all other diseases, Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season every 7-14 days following the resistance management guidelines.
Arugula	Anthraxnose ( <i>Microdochium</i> )		Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.
Cardoon	<i>panaffonifium</i> , <i>Colletotrichum</i> <i>dematium</i> )		
Celery	Cercospora Leaf Spot ( <i>Cercospora</i> spp.)		
Celuce	Septoria Leaf Spot ( <i>Septoria petroselinii</i> )		
Chervil	White Rust ( <i>Albugo occidentalis</i> )		
Chrysanthemum, Edible	Downy Mildew ( <i>Bremia lactucae</i> )	12.0-15.5 (0.20-0.25)	Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
Coriander, Leaves (Cilantro)	Powdery Mildew ( <i>Erysiphe cichoracearum</i> )		
Corn Salad			
Cress			
Dandelion			
Dock			
Endive			
Fennel			
Lettuce, Head and Leaf			

This page contains no comments

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Orach Parsley Purslane Radicchio Rhubarb Spinach Swiss Chard  Including cultivars and/or hybrids of these			<b>ATTENTION:</b> Applications of Willowood Azoxystrobin 2.08SC to leafy vegetable foliage have contributed to phytotoxicity under certain circumstances. Proceed with caution with regard to tank mixes and adjuvants when treating all leafy vegetables with Willowood Azoxystrobin 2.08SC. Willowood Azoxystrobin 2.08SC must not be tank mixed on leaf lettuce with Ambush® WP, Pounce® WP, Aljette®, Warrior with Zeon Technology®, or another product that may increase the penetration of Willowood Azoxystrobin 2.08SC into the leaf surface, such as, but not limited to silicone wetters.
	<b>Soilborne Diseases</b> Webb Blight, Bottom Rot, Crater Rot, Root Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.
<b>Specific Use Restrictions:</b> 1) Do not apply more than 92.3 fl. oz. of product/A/season. 2) Do not apply more than 1.5 lb. a.i./A/season of azoxystrobin-containing products. 3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Legume Vegetables, Dry and Succulent and Legume Vegetables, Foliage of any Cultivar of Bean (<i>Phaseolus</i> spp.) and Field Pea (<i>Pisum</i> spp.)</b>  Bean ( <i>Lupinus</i> spp.) (includes grain lupin, sweet lupin, white lupin, and white sweet lupin) Bean ( <i>Phaseolus</i> spp.) (includes field bean, kidney bean, lima bean, navy bean, pinto bean, runner bean,	Bean Rust ( <i>Uromyces appendiculatus</i> )  Alternaria Blight ( <i>Alternaria</i> spp.) Alternaria Leaf Spot ( <i>Alternaria alternata</i> ) Anthracnose ( <i>Colletotrichum lindemuthianum</i> ) Ascochyta Blight ( <i>Mycosphaerella pinodes</i> ) Ascochyta Leaf and Pod Spot ( <i>Ascochyta</i> spp.) Ascochyta Leaf Spot ( <i>Ascochyta phaseolorum</i> ) Rust ( <i>Phakopsora</i> spp.)	6.0 (0.10)  6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season every 7-14 days following the resistance management guidelines. Use the higher rates under severe disease pressure. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates. For rust, use of a non-ionic surfactant is recommended.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.

32

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Mint (Fresh or for processing into mint oil)	Powdery Mildew ( <i>Erysiphe</i> spp.) Rust ( <i>Puccinia menthae</i> )	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season on a 7- to 10- day schedule, following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	Soilborne Diseases Seedling Root Rot, Basal Stem Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>Do not apply more than 46 fl. oz. of product/A/season.</li> <li>Do not apply more than 0.75 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>For processed mint, do not apply within 7 days of harvest (7-day PHI).</li> <li>For fresh mint, Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Nongrass Animal Feeds Forage, Fodder, Straw and Hay</b>  For pure/mixed stands of the following or stands mixed with grasses:  Alfalfa ( <i>Medicago sativa</i> subsp. <i>sativa</i> ) Bean, Velvet ( <i>Mucuna pruriens</i> var. <i>utilis</i> ) Clover ( <i>Trifolium</i> spp., <i>Medicago</i> spp.) Kudzu ( <i>Pueraria lobata</i> ) Lespedeza ( <i>Lespedeza</i> spp.)	Alternaria Leaf Spot ( <i>Alternaria</i> spp.) Cercospora Leaf Spot ( <i>Cercospora</i> spp.) Powdery Mildew ( <i>Oidium</i> spp., <i>Erysiphe</i> spp.) Rust ( <i>Phakopsora</i> spp.)	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season. Use the higher rates under severe disease pressure. Applications may be made by ground, air or chemigation. Use of an additive such as crop oil concentrate or non-ionic surfactant is recommended.  For management of outbreaks of Asian soybean rust and other Puccinia species on alternate species such as kudzu, lespedeza, trefoil and vetch, apply Willowood Azoxystrobin 2.08SC to forages grown in the vicinity of soybeans and other legume crops (beans and peas) as a part of an Asian rust disease management strategy. Consult with local experts and

Author: emalone Subject: Sticky Note Date: 12/11/2012 11:15:11 AM  
 Replace with "host"  
 Author: emalone Subject: Highlight Date: 12/21/2013 11:15:04 AM



Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Lupin ( <i>Lupinus</i> spp.) Sainfoin ( <i>Onobrychis viciifolia</i> ) Trefoil ( <i>Lotus</i> spp.) Vetch ( <i>Vicia</i> spp.) Vetch, Crown ( <i>Coronilla varia</i> ) Vetch, Milk ( <i>Astragalus spp.</i> )			university extension agents for the latest advice.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 0.25 lb. a.i./A per cutting.</li> <li>2) Do not apply more than 0.75 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 14 days of grazing or harvest (14-day PHI) for forage and hay.</li> <li>4) Not for use on rangeland.</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Oilseed Crops Crop Group 20  Crambe Flax Mustard, Indian Mustard, Field Mustard, Black Rapeseed Rapeseed, Indian Safflower Sunflower  Including all cultivars and/or hybrids of these  See complete list of oilseed crops below.	<i>Alternaria</i> Leaf Spot ( <i>Alternaria</i> spp.) Downy Mildew ( <i>Plasmopora halstedii</i> , <i>Plasmopora helianthi</i> ) Pasm (Septoria linicola garass) Sunflower Rust ( <i>Puccinia helianthi</i> )	6.0-15.5 (0.1-0.25)	Apply 6.0 fl. oz. of Willowood Azoxystrobin 2.08SC at early bud followed by 14.0 fl. oz. at about 45 days before harvest. A third application of 7.0 fl. oz. may be made 30 days before harvest. Applications may be made by ground, air or chemigation. Use a maximum of 10 gallons of water per acre for ground applications.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
<b>Complete List of Oilseed Crops:</b> Borage; Calendula; Castor Oil Plant; Chinese Tallowtree; Cottonseed; Crambe; Cuphea; Echinum; Euphorbia; Evening Primrose; Flax Seed; Gold of Pleasure; Hare's Ear Mustard; Jojoba; Lesquerella; Lunaria; Meadowlark; Milkweed; Mustard Seed; Niger Seed; Oil Radish; Poppy Seed; Rapeseed; Rose Hip; Safflower; Sesame; Stokes Aster; Sunflower; Sweet Rocket; Tallowwood; Tea Oil Plant; Vernonia; <del>Cucumis melo</del> and/or hybrids of these.			
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 27 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 0.45 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 30 days of harvest (30-day PHI).</li> </ol>			

Author: emalone Subject: Sticky Note Date: 12/11/2013 11:16:23 AM  
Insert a comma between cultivars and varieties

Author: emalone Subject: Highlight Date: 12/11/2013 11:16:25 AM

This page contains no comments

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Peanuts	<b>Soilborne Diseases – early season</b> (in-furrow application) <i>Aspergillus</i> Crown Rot ( <i>Aspergillus niger</i> ) Pythium Damping Off ( <i>Pythium</i> spp.) Stem Rot/White Mold Suppression ( <i>Sclerotium rolfsii</i> )	0.40-0.80 fl. oz./1000 row feet	Apply Willowood Azoxystrobin 2.08SC in-furrow at planting for control of various seed/seedling diseases including early season suppression of stem rot. See directions and rates under <b>PRODUCT INFORMATION</b> section.
	<b>Soilborne Diseases – mid-late season</b> Rhizoctonia Peg and Pod Rot ( <i>Rhizoctonia solani</i> ) Stem Rot/White Mold ( <i>Sclerotium rolfsii</i> )  <b>Suppression Only:</b> Cylindrocladium Black Rot ( <i>Cylindrocladium crotalariae</i> ) Pythium Pod Rot ( <i>Pythium myriophyllum</i> )	12.0-24.5 (0.20-0.40)	Willowood Azoxystrobin 2.08SC should be applied at approximately 60 and 90 days after planting as a foliar application. This application regime may be applied earlier in the season if environmental conditions favor disease development. These two applications of Willowood Azoxystrobin 2.08SC will provide protection against the soil borne diseases and will also provide control of the foliar diseases listed for a 10- to 14-day period after each spray. Under heavy disease pressure and/or where there is a high rainfall and/or irrigation, use 18.5-24.5 fl. oz./A. For light disease pressure and dry environmental conditions (non-irrigated, low rainfall), use 12.0-24.5 fl. oz./A. For control of <i>Pythium</i> , a rate of 24.5 fl. oz./A is required. Additional applications of other fungicides on a leaf spot application schedule will be required to provide season-long disease control of the leaf spot diseases. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.
	<b>Foliar Diseases</b> Early Leaf Spot ( <i>Cercospora arachidicola</i> ) Late Leaf Spot ( <i>Cercosporidium personatum</i> ) Rust ( <i>Puccinia arachidis</i> ) Web Blotch ( <i>Phoma arachidicola</i> )	6.0- 18.5 (0.10-0.30)	For foliar disease control only, a lower rate of Willowood Azoxystrobin 2.08SC may be applied on a 10- to 14-day interval.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
<b>Specific Use Restrictions:</b> 1) Do not apply more than 49 fl. oz. of product/A/season. 2) Do not apply more than 0.8 lb. a.i./A/season of azoxystrobin-containing products. 3) Do not apply within 14 days of harvest (14-day PHI).			

This page contains no comments

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Pecans	Anthrachnose ( <i>Glomerella cingulata</i> ) Scab ( <i>Cladosporium caryigenum</i> )	6.0-12.0 (0.10-0.20)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season on 7- to 21-day intervals following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
<b>Specific Use Restrictions:</b> 1) Do not apply more than 73.8 fl. oz. of product/A/season. 2) Do not apply more than 1.2 lbs. a.i./A/season of azoxystrobin-containing products. 3) Do not apply within 45 days of harvest (45-day PHI).			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Pistachios	Alternaria Late Blight ( <i>Alternaria alternata</i> ) Botryosphaeria Panicle and Shoot Blight ( <i>Botryosphaeria dothidea</i> ) Septoria Leaf Spot ( <i>Septoria pistaciarum</i> )	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season on 7- to 21-day intervals following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
<b>Specific Use Restrictions:</b> 1) Do not apply more than 92.3 fl. oz. of product/A/season. 2) Do not apply more than 1.5 lbs. a.i./A/season of azoxystrobin-containing products. 3) Do not apply within 7 days of harvest (7-day PHI).			

This page contains no comments

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Potatoes	Black Dot ( <i>Colletotrichum coccodes</i> ) Early Blight ( <i>Alternaria solani</i> ) Late Blight ( <i>Phytophthora infestans</i> ) Powdery Mildew ( <i>Erysiphe cichoracearum</i> )	6.0-20.0 (0.10-0.33)	<p><b>Early Blight</b> – For a 7-day application schedule, use Willowood Azoxystrobin 2.08SC at 6.0 fl. oz. product/A. For a 14-day application schedule, use a 12.0 fl. oz. product/A rate.</p> <p><b>Late Blight</b> – Apply Willowood Azoxystrobin 2.08SC at 12.0 fl. oz. product/A on a 7-day schedule. Initiate late blight applications in a preventative schedule prior to disease development according to local practices. If late blight symptoms develop or conditions favor disease, switch immediately to a non-Group 11 fungicide, using a 5-day schedule. Addition of a spreader/sticker may improve coverage.</p> <p>For all other diseases, Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season every 7-14 days following the resistance management guidelines. Use the high rate and the shorter interval if disease epidemics are severe. Applications may be made by ground, air or chemigation.</p> <p>Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.</p>
	<b>Soilborne Diseases</b> Black Dot ( <i>Colletotrichum coccodes</i> ) Black Scurf ( <i>Rhizoctonia solani</i> ) Silver Scurf ( <i>Helminthosporium solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the SOILBORNE/SEEDLING DISEASE CONTROL section.
<b>Specific Use Restrictions:</b> 1) Do not apply more than 123 fl. oz. of product/A/season. 2) Do not apply more than 2.0 lb. a.i./A/season of azoxystrobin-containing products. 3) Do not apply within 14 days of harvest (14-day PHI).			

This page contains no comments

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Rice	<b>Sheath/Stem Diseases</b> Sheath Blight ( <i>Rhizoctonia solani</i> )	6.0-18.5 (0.10-0.30)	Willowood Azoxystrobin 2.08SC should be applied prior to disease development. Applications may be made by ground, air or chemigation. For aerial application, volumes should be 5-10 GPA. An adjuvant may be added at specified rates.  For sheath blight control, application rates may vary from 9.0 to 12.0 fl. oz./A depending on the growth stage of the rice and the severity of the disease. Consult with your local extension personnel or Willowood, LLC representative for information in sheath blight control.  For other stem/sheath diseases including stem rot, black sheath rot, aggregate sheath spot and sheath spot, apply when disease is less than 4 inches above water line usually between panicle differentiation (PD) +5 days to PD +10 days or at initial sign of disease. Under heavy disease pressure and conditions favorable for disease development, a second application may be applied.  For foliar and panicle diseases, apply Willowood Azoxystrobin 2.08SC prior to disease development. Willowood Azoxystrobin 2.08SC must be applied as a preventative treatment for blast control and applied prior to favorable conditions for blast development. For panicle blast, an application should be applied at mid-boot to boot-split but prior to full head emergence. A second application should be applied when panicles are approximately 60-90% emerged from the boot (7-14 days later).  When Willowood Azoxystrobin 2.08SC is being applied for panicle blast on continuous rice acreage (no rotation to other crops), no more than two sequential foliar applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides should be made over multiple years before alternating with a fungicide with a different mode of action. Do not
	Aggregate Sheath Spot ( <i>Ceratobasidium oryzae-sativae</i> = <i>Rhizoctonia oryzae-sativae</i> )	9.0-18.5 (0.15-0.30)	
	Black Sheath Rot ( <i>Gaeumannomyces graminis</i> var. <i>graminis</i> )		
	Sheath Spot ( <i>Rhizoctonia oryzae</i> )		
	Stem Rot ( <i>Magnaporthe salvinii</i> = <i>Sclerotium oryzae</i> = <i>Nakaleae sigmoidea</i> )		
	<b>Foliar Diseases</b> Brown Leaf Spot ( <i>Cochliobolus miyabeanus</i> )		
	Leaf Smut ( <i>Entyloma oryzae</i> )		
	Narrow Brown Leaf Spot ( <i>Cercospora janseana</i> = <i>Cercospora oryzae</i> )		
	<b>Panicle Diseases</b> Kernel Smut ( <i>Tilletia barclayana</i> = <i>Neovossia barclayana</i> )		
	Panicle Blast ( <i>Pyricularia grisea</i> )		

This page contains no comments

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
			make more than two foliar applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides per acre per season.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not treat rice fields used for aquaculture of fish and crustaceans.</li> <li>2) Do not apply when weather conditions favor drift from treated areas to non-target aquatic habitat. Applicators should use care in making applications near non-target aquatic habitats.</li> <li>3) Do not apply more than 0.70 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>4) Do not allow release of irrigation or flood water for at least 14 days after the last application.</li> <li>5) Do not apply within 28 days of harvest (28-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Sorghum	Anthracnose ( <i>Colletotrichum graminicola</i> ) Gray Leaf Spot ( <i>Cercospora sorghi</i> )	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development. Use the high rates under conditions favorable for severe disease pressure, dense plant canopies, or when susceptible varieties are planted. Contact extension personnel for local economic thresholds and timings for specific diseases in your area. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	Soilborne Diseases Damping-Off ( <i>Rhizoctonia solani</i> , <i>Pythium aphanidermalum</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the SOILBORNE/SEEDLING DISEASE CONTROL section.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) For grain and stover, do not apply more than 0.75 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>2) For forage, do not apply more than 0.5 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 14 days of harvest (14-day PHI).</li> </ol>			

This page contains no comments

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Soybean Soybean, Immature Seed (edamame)	Aerial Blight ( <i>Rhizoctonia solani</i> ) Alternaria Leaf Spot ( <i>Alternaria</i> spp.) Anthrachnose ( <i>Colletotrichum truncatum</i> ) Brown Spot ( <i>Septoria glycines</i> ) Cercospora Blight and Leaf Spot ( <i>Cercospora kickuchii</i> ) Frogeye Leaf Spot ( <i>Cercospora sojae</i> ) Pod and Stem Blight ( <i>Diaporthe phaseolorum</i> ) Rust ( <i>Phakopsora</i> spp.)	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development. Use the high rates under conditions favorable for severe disease pressure, dense plant canopies, or when susceptible varieties are planted. Contact Extension personnel for local economic thresholds and timings for specific diseases in your area. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates. Use of a crop oil concentrate or non-ionic surfactant with the lower use rate is recommended.  Soybean rust: Willowood Azoxystrobin 2.08SC may be used at 4 fl. oz./A when tank mixed with a triazole registered for use on soybean rust.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group t1 fungicides before alternation with a fungicide that is not in Group t1.
	Soilborne Diseases <i>Rhizoctonia solani</i> ( <i>Rhizoctonia solani</i> ) Southern Blight ( <i>Sclerotium rolfsii</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the SOILBORNE/SEEDLING DISEASE CONTROL section.
<b>Specific Use Restrictions:</b> 1) Do not apply more than 92.3 fl. oz. of product/A/season. 2) Do not make more than one application at 15.5 fl. oz. product/acre or 0.25 lb. a.i./A to soybean forage and hay. 3) Do not apply more than 1.5 lbs. a.i./A/season of azoxystrobin-containing products. 4) Do not apply within 14 days of harvest (14-day PHI) of soybeans (beans). 5) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI) to soybean forage and hay.			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Stone Fruits  Apricot Cherry, Sweet	Brown Rot Blossom Blight and Fruit Rot ( <i>Monilinia fructicola</i> , <i>M. fusa</i> )	12.0-15.5 (0.20-0.25)	For brown rot blossom blight, begin applications at early bloom and continue through petal fall. For brown rot on fruit, Willowood

This page contains no comments

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Cherry, Tart Nectarine Peach Plum Plumcot Prune	Scab ( <i>Cladosporium carpophilum</i> ) Alternaria spot and fruit rot ( <i>Alternaria alternata</i> ) Anthracnose ( <i>Colletotrichum prunicola</i> , <i>C. gloeosporioides</i> ) Leaf rust ( <i>Tranzschella discolor</i> ) Powdery Mildew ( <i>Sphaerotheca pannosa</i> , <i>Podosphaera clandestina</i> ) Shot hole ( <i>Wilsonomyces carpophilus</i> )	6.0-15.5 (0.10-0.25)	Azoxystrobin 2.08SC may be applied to fruit up to the day of harvest.  For scab, begin applications at petal fall and continue at 7- to 14-day intervals.  For all other diseases, begin application at the onset of disease as a protectant fungicide and continue on a 7- to 14-day schedule.  For peaches only, 9.0-15.5 fl. oz. of Willowood Azoxystrobin 2.08SC may be used for scab control.  Applications may be made by ground, air or chemigation.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
<b>Specific Use Restrictions:</b> 1) Do not apply more than 92.3 fl. oz. of product/A/season. 2) Do not apply more than 1.5 lbs. a.i./A/season of azoxystrobin-containing products. 3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Sugarcane	Brown Rust ( <i>Puccinia melanocephala</i> ) Orange Rust ( <i>Puccinia kuehni</i> )	9.0-12.0 (0.15-0.20)	Willowood Azoxystrobin 2.08SC applications should begin prior to rust development, and continue throughout the season every 14-28 days following resistance management guidelines. Scout fields and begin applications at the earliest sign of rust. An adjuvant may be used at recommended rates. For ground applications, apply Willowood Azoxystrobin 2.08SC in sufficient water volume for adequate coverage and canopy penetration. Applications may be made by ground, air or chemigation.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicide, before alternation with



This page contains no comments

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
			a fungicide that is not in Group 11. Do not make more than four foliar applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicide per acre per year.
<b>Specific Use Restrictions:</b> 1) Do not apply more than 0.80 lb. a.i./A per season azoxystrobin-containing products. 2) Do not apply within 30 days of harvest (30-day PHI). 3) When applying by air, use no less than 5 gallons spray solution per acre			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Tobacco	Blue Mold ( <i>Peronospora tabacina</i> ) Frogeye Leaf Spot ( <i>Cercospora nicotianae</i> ) Target Spot ( <i>Rhizoctonia solani</i> )	6.0-12.0 (0.1-0.2)	<p>Willowood Azoxystrobin 2.08SC applications should begin prior to disease development or at first indication that blue mold is in the area. Do not apply Willowood Azoxystrobin 2.08SC as a curative application. If blue mold is present in the field, initiate applications with Acrobat MZ® prior to an Willowood Azoxystrobin 2.08SC application. Apply on a 7- to 14-day interval with shorter intervals under conditions conducive to disease development. For ground applications, apply Willowood Azoxystrobin 2.08SC in sufficient water volume for adequate coverage and canopy penetration. For aerial application, volumes should be 10-15 GPA. Applications may be made by ground, air or chemigation. Do not apply Willowood Azoxystrobin 2.08SC on greenhouse seedlings. Do not tank mix with Thiodan. Tank mixing Willowood Azoxystrobin 2.08SC with insecticides formulated as emulsifiable concentrates (EC) or containing high amounts of solvents, may cause crop injury.</p> <p>Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.</p> <p>NOTE: Willowood Azoxystrobin 2.08SC may enhance weather</p>

This page contains no comments

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
			flecking on the leaves of certain tobacco types. This does not affect yield and quality.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 32 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 0.52 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Tomatoes</b> <b>Tomatillos</b> <b>Subgroup 8-10A</b>  Including all cultivars and/or hybrids of these.  See complete list of tomato crops below.	Anthraxnose ( <i>Colletotrichum coccodes</i> ) Black Mold ( <i>Alternaria alternata</i> ) Buckeye Rot ( <i>Phytophthora</i> spp.) Early Blight ( <i>Alternaria solani</i> ) Powdery Mildew ( <i>Oidiopsis sicula</i> ) Septoria Leaf Spot ( <i>Septoria lycopersici</i> ) Target Spot ( <i>Corynespora cassicola</i> )	5.0-6.2 (0.08-0.10)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season following the resistance management guidelines. For late blight, Willowood Azoxystrobin 2.08SC should be applied at 5- to 7-day intervals. For all other tomato diseases, Willowood Azoxystrobin 2.08SC should be applied on 7- to 21-day intervals.  Applications may be made by ground air or chemigation.  Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.  Under certain weather conditions (particularly high temperatures) Willowood Azoxystrobin 2.08SC in combination with high rates of silicone-based or oil containing (petroleum or crop) additives or adjuvants may cause injury. Do not exceed 0.125% adjuvant (v/v). Consult a Willowood, LLC representative for more information concerning additives or adjuvants.  A tank mixture with Dimethoate may cause crop injury.
<b>Complete List of Tomato Crops:</b> Bush Tomato; Cocona; Currant Tomato; Garden Huckleberry; Goji Berry; Groundcherry; Naranjilla; Sunberry; Tomatillo; Tomato; Tree Tomato; cultivars, varieties, and/or hybrids of these.			
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>f) Do not apply more than 37 fl. oz. of product/A/season.</li> </ol>			

This page contains no comments

- 2) Do not apply more than 0.6 lb. a.i./A/season of azoxystrobin-containing products.
- 3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Tree Nuts</b>  Beechnut Brazil Nut Butternut Cashew Chestnut Chinquapin Filbert Hickory Macadamia Pecan Walnut  Almonds, Pistachios (see specific use instructions)	Alternaria Leaf and Fruit Spot ( <i>Alternaria alternata</i> ) Anthracnose ( <i>Colletotrichum acutatum</i> , <i>Glomerella cingulata</i> ) Eastern Filbert Blight ( <i>Anisogramma anomala</i> ) Late Blight ( <i>Alternaria alternata</i> ) Scab ( <i>Cladosporium carpopitum</i> ) Septoria Leaf Spot ( <i>Septoria pistaciarum</i> ) Shot Hole ( <i>Wilsonomyces carpopitum</i> ) Blossom Blight ( <i>Monilinia laxa</i> , <i>M. fructicola</i> )	6.0-12.0 (0.10-0.20)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  For all other diseases begin applications prior to disease development and continue at 7- to 21-day intervals throughout the season.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.  For blossom blight, begin applications at early bloom and continue through petal fall.
<b>Specific Use Restrictions:</b> 1) Do not apply more than 73.8 fl. oz. of product/A/season. 2) Do not apply more than 1.2 lbs. a.i./A/season of azoxystrobin-containing products. 3) Do not apply within 45 days of harvest (45-day PHI).			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Tropical Fruit</b>  Acerola Atemoya Avocado Binba Canistel Chenmoya Custard Apple Dragon Fruit Feijoa Guava Llana	Anthracnose ( <i>Colletotrichum</i> spp.) Cercospora Leaf Spot ( <i>Cercospora</i> spp.) Powdery Mildew ( <i>Erysiphe</i> spp.) Rust ( <i>Puccinia</i> spp.)	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season on a 10- to 14-day schedule, following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Follow the resistance management guidelines in the Resistance Management Section. Do not apply

This page contains no comments

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Jaboticaba Jackfruit Longan Loquat Lychee Mango Papaya Passionfruit Pawpaw Persimmon Pulasan Rambutan Sapodilla Sapote, Black Sapote, Mamey Sapote, White Soursop Star Apple Starfruit Sugar Apple Spanish Lime Tamarind	Soilborne Diseases Seedling Root Rot, Basal Stem Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.  For soilborne/seedling disease control, see directions and rates under the SOILBORNE/SEEDLING DISEASE CONTROL section.
<b>Specific Use Restrictions:</b> 1) Do not apply more than 92.3 fl. oz. of product/A/season. 2) Do not apply more than 1.5 lbs. a.i./A/season of azoxystrobin-containing products. 3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Vegetables, Leaves of Root and Tuber Group and Root Subgroup	Foliar Diseases Alternaria Leaf Spot ( <i>Alternaria</i> spp., <i>A. alternata</i> )	6.0-20.0 (0.10-0.33)	For powdery mildew, make preventative applications on a 5- to 7-day schedule. For all other diseases, Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season every 7-14 days following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.
Beet, Garden and Sugar <sup>1,2</sup> Burdock <sup>1,2</sup> Carrot <sup>1,2</sup> Cassava, Bitter and Sweet <sup>1</sup> Celery (celery root) <sup>1,2</sup> Chervil, Tumip- Rooted <sup>1,2</sup> Chicory <sup>1,2</sup> Dasheen (taro) <sup>1</sup> Ginseng <sup>2</sup> Horseradish <sup>2</sup> Parsley, Tumip-Rooted <sup>2</sup> Parsnip <sup>1,2</sup>	Ascochyta Leaf Spot ( <i>Ascochyta cynarae</i> ) Rust ( <i>Uromyces betae</i> , <i>Puccinia helianthi</i> ) White Rust ( <i>Albugo tragopogonis</i> )  Cercospora Leaf Spot ( <i>Cercospora betae</i> , <i>C. pastinaceae</i> )  Powdery Mildew ( <i>Erysiphe polygoni</i> , <i>Leveillula taurica</i> )	9.0-15.5 (0.15-0.25)	Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.

This page contains no comments

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Radish <sup>1,2</sup> Radish, Oriental (daikon) <sup>1,2</sup> Rutabaga <sup>1,2</sup> Salsify <sup>2</sup> Salsify, Black <sup>1,2</sup> Salsify, Spanish <sup>2</sup> Skirret <sup>2</sup> Sweet Potato <sup>1</sup> Tanier <sup>1</sup> Tumpit <sup>1,2</sup> Yam, True <sup>1</sup>	Soilborne Diseases Circular Spot, Southern Blight ( <i>Sclerotium rolfsii</i> ) Pythium Root Rot ( <i>Pythium aphanidermatum</i> ) Rhizoctonia Stem Canker, Crown Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.  For sugar beets apply 3-7 inch banded applications in a minimum of 10 gallons per acre at the 2- to 8-leaf stage. Do not apply as a dribble application over the seed row. Tank mixtures of Willowood Azoxystrobin 2.08SC with crop oil concentrates (COC) or methylated spray oil (MSO) may result in crop injury. If cool soil conditions are expected after planting which could result in an extended period of plant emergence, Willowood Azoxystrobin 2.08SC should not be applied in-furrow. If using Willowood Azoxystrobin 2.08SC at the time of planting, do not use a starter fertilizer with it.
<sup>1</sup> =Vegetable leaves of root and tuber subgroup <sup>2</sup> =Root vegetable subgroup			
Specific Use Restrictions:			
1) Do not apply more than 123 fl. oz. of product/A/season. 2) Do not apply more than 2.0 lbs. a.i./A/season of azoxystrobin-containing products. 3) Apply as an in-furrow spray in a minimum of 10 gallons per acre. 4) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Vegetables, Tuberous and Corm Subgroup  Arracacha Arrowroot Artichoke, Chinese and Jerusalem Canna, Edible Cassava, Edible, Bitter and Sweet Chayote (crot) Chufa Dasheen (Taro) Ginger Leren Potato Sweet Potato	Foliar Diseases Alternaria Leaf Spot ( <i>Alternaria</i> spp., <i>A. Alternata</i> ) Ascochyta Leaf Spot ( <i>Ascochyta cynarae</i> ) Rust ( <i>Uromyces betae</i> , <i>Puccinia helianthi</i> ) White Rust ( <i>Abugo tragopogonis</i> )  Cercospora Leaf Spot ( <i>Cercospora betae</i> , <i>C. pastinaceae</i> ) Powdery Mildew ( <i>Erysiphe polygoni</i> , <i>Leveillula taunca</i> )	6.0-20.0 (0.10-0.33)          9.0-15.5 (0.15-0.25)	For powdery mildew, make preventative applications on a 5- to 7-day schedule. For all other diseases, Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season every 7-14 days following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with

This page contains no comments

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Turmeric Yam, Bean Yam, True	<b>Soilborne Diseases</b> Circular Spot, Southern Blight ( <i>Sclerotium rolfsii</i> ) Rhizoctonia Stem Canker, Crown Rot (Rhizoctonia solani) Pythium Root Rot (Pythium aphanidermatum)	0.40-0.80 fl. oz./1000 row feet	a fungicide that is not in Group 11.  For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING            DISEASE CONTROL</b> section.
<b>Specific Use Restrictions:</b> 1) Do not apply more than 123 fl. oz. of product/A/season. 2) Do not apply more than 2.0 lbs. a.i./A/season of azoxystrobin-containing products. 3) Do not apply within 14 days of harvest (14-day PHI).			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Watercress	Cercospora Leaf Spot (Cercospora spp.)	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season on a 7- to 10- day schedule, following resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
<b>Specific Use Restrictions:</b> 1) Do not apply more than 93.2 fl. oz. of product/A/season. 2) Do not apply more than 1.5 lbs. a.i./A/season of azoxystrobin-containing products. 3) Do not apply within 7 days of harvest (7-day PHI).			

Author: emalone Subject: Sticky Note Date: 12/11/2013 11:25:15 AM  
 Replace with "recondita"

Author: emalone Subject: Highlight Date: 12/11/2013 11:25:08 AM

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Cereals	Leaf Rust ( <i>Puccinia triticina</i> - <i>Puccinia triticina</i> f.sp. <i>tritici</i> )	4.0-12.0 (0.07-0.20)	Willowood Azoxystrobin 2.08SC should be applied prior to disease development. Applications may be made by ground, air or chemigation. A crop oil concentrate adjuvant may be added at 1.0% v/v to optimize efficacy.
Wheat	Septoria Leaf and Glume Blotch ( <i>Septoria tritici</i> , <i>Septoria nodorum</i> )		
Triticale	Stem Rust ( <i>Puccinia graminis</i> )		
	Stripe Rust ( <i>Puccinia striiformis</i> )		
	Tan Spot ( <i>Pyrenophora tritici-repentis</i> )		
	Powdery Mildew ( <i>Erysiphe graminis</i> )	7.5-11.0 (0.125-0.175)	Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicide before alternation with a fungicide that is not in Group 11. Do not make more than two applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicide per season.
Specific Use Restrictions:			
1) Do not apply after Feekes 10.54. 2) Do not apply more than 0.40 lb. a.i./A/season of azoxystrobin-containing products. 3) Do not apply within 7 days (7-day PHI) for forage and hay. 4) Do not apply within 14 days of grazing (14-day PHI).			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Wild Rice	Brown Spot ( <i>Bipolaris oryzae</i> or <i>Bipolaris sorokiana</i> )	12.5-15.5 (0.20-0.25)	Willowood Azoxystrobin 2.08SC should be applied prior to disease development. Applications may be made by ground, air or chemigation. For aerial application, volumes should be 5-10 GPA. An adjuvant may be added at specified rates.
	Also known as <i>Helminthosporium oryzae</i> and <i>H. sativum</i> )		
	Stem Rot ( <i>Nakataea sigmoidea</i> )		For foliar diseases, apply Willowood Azoxystrobin 2.08SC prior to disease development. Apply during tillering, boot, early heading, or at initial sign of disease. Under heavy disease pressure and conditions favorable for disease development, a second application may be applied.
			Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicide before alternation with a fungicide that is not in Group 11. Do not make more than two applications of Willowood Azoxystrobin 2.08SC or

This page contains no comments

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Specific Use Restrictions:			other Group 11 fungicide per season.
1) Do not treat wild rice fields used for aquaculture of fish and crustaceans. 2) Do not apply when weather conditions favor drift from treated areas to non-target aquatic habitat. Applicators should use care in making applications near non-target aquatic habitats. 3) Do not apply more than 0.70 lb. a.i./A/season of azoxystrobin-containing products. 4) Do not allow release of irrigation or flood water for at least 14 days after the last application. 5) Do not apply within 28 days of harvest (28-day PHI).			

Willowood Azoxystrobin 2.08SC Rate Conversion Chart

Fl. oz. Product/A	Lb. a.i./A	Treated Acres/Gal. Product
4.0	0.07	32.0
5.0	0.08	25.6
5.5	0.09	23.2
6.0	0.10	21.3
6.2	0.10	21.3
7.0	0.11	18.3
8.5	0.14	15.4
9.0	0.15	14.2
9.2	0.15	14.2
10.0	0.16	13.0
11.0	0.18	11.6
12.0	0.20	10.4
12.3	0.20	10.4
13.0	0.21	9.8
14.0	0.23	9.1
15.4	0.25	8.3
15.5	0.25	8.3
18.3	0.30	6.9
18.5	0.30	6.9
20.0	0.33	6.4
20.3	0.33	6.4
24.5	0.40	5.2

POST HARVEST APPLICATIONS

Crop	Target Diseases	Use Rate	Remarks
Bananas Plantains	Crown Rot/Crown Mold ( <i>Colletotrichum musae</i> , <i>Fusarium pallidroseum</i> , <i>Acremonium</i> spp., <i>Ceralocystis paradoxa</i> , <i>Glomerella cingulate</i> , <i>Penicillium</i> spp.)	200-400 ppm solution	Apply Willowood Azoxystrobin 2.08SC as a single application of a 200-400 ppm solution to achieve good coverage. The application may be made as a spray, dip or may be painted onto the cut ends of the bananas. Application of the 200 ppm rate is appropriate for short distance transportation (e.g., within the USA). When a longer time in transport is expected (export), use the 300-400 ppm rate. If alum (1% w/v) is added



This page contains no comments

Crop	Target Diseases	Use Rate	Remarks								
			<p>to the spray solution, stir the suspension frequently as sedimentation and flocculation may occur. Addition of a non-ionic surfactant (0.10% v/v) may improve the compatibility of this mixture.</p> <p><b>Amount of Willowood Azoxystrobin 2.08SC to Mix 100 Gallons for Post-Harvest Banana Applications</b></p> <table><tr><th>Willowood Azoxystrobin 2.08SC Use Rate</th><th>100.0 gal. Spray Solution</th></tr><tr><td>200 ppm</td><td>11 fl. oz.</td></tr><tr><td>300 ppm</td><td>15 fl. oz.</td></tr><tr><td>400 ppm</td><td>21 fl. oz.</td></tr></table>	Willowood Azoxystrobin 2.08SC Use Rate	100.0 gal. Spray Solution	200 ppm	11 fl. oz.	300 ppm	15 fl. oz.	400 ppm	21 fl. oz.
Willowood Azoxystrobin 2.08SC Use Rate	100.0 gal. Spray Solution										
200 ppm	11 fl. oz.										
300 ppm	15 fl. oz.										
400 ppm	21 fl. oz.										
<b>Specific Use Restrictions:</b> 1) Do not make more than one application to bananas as post-harvest treatment. 2) Willowood Azoxystrobin 2.08SC may be degraded by exposure to direct sunlight. Do not store treated fruit in direct sunlight.											
Crop	Target Diseases	Use Rate	Remarks								
Citrus Fruit Crop Group 10-10  Calamondin Citron Citrus Hybrids Grapefruit Kumquat Lemon Lime Mandarin Orange (sour and sweet) Pummelo Satsuma Mandarin Tangerine Uniq Fruit Hybrid  Including all cultivars and/or hybrids of these  See complete list of citrus fruit crops below.	Penicillium Decays Green Mold, Whisker Mold, Suppression of Blue Mold ( <i>Penicillium</i> spp.) Diplodia Stem-End Rot ( <i>Diplodia natatensis</i> ) Phomopsis Stem-End Rot ( <i>Phomopsis citri</i> )	See Remarks	<p>Use Willowood Azoxystrobin 2.08SC as a dip, drench, flood, or spray for the control of certain post-harvest diseases.</p> <p><b>For high volume (dilute) applications:</b> Mix 32-64 fl. oz. of Willowood Azoxystrobin 2.08SC in 25-100 gallons of an appropriate water, wax/oil emulsion, or aqueous dilution of a wax/oil emulsion for the crop being treated. Use T-Jet, flooders, or similar application systems.</p> <p><b>For low volume (concentrate) applications:</b> Mix 32-64 fl. oz. of Willowood Azoxystrobin 2.08SC in 7-25 gallons of water, wax/oil emulsion, or aqueous dilution of wax/oil emulsion for the crop being treated. Apply to 250,000 lbs. of fruit. Use a controlled-droplet type of applicator or similar system.</p> <p><b>For dip applications:</b> Mix 32-64 fl. oz. of Willowood Azoxystrobin 2.08SC in 100 gallons of water, wax/oil emulsion, or aqueous dilution of wax/oil emulsion. Dip for approximately 30 seconds and allow</p>								

Author: emalone Subject: Sticky Note Date: 12/11/2013 11:27:55 AM  
 Replace with "mandarin"

Author: emalone Subject: Highlight Date: 12/11/2013 11:27:47 AM

Crop	Target Diseases	Use Rate	Remarks
			fruit to drain. For maximum decay control, treat citrus fruit once before storage and once after storage, just prior to marketing.
<b>Complete List of Citrus Fruit Crops:</b> Australian Desert Lime ( <i>Eremocitrus glauca</i> ); Australian Finger Lime ( <i>Microcitrus australasica</i> ); Australian Round Lime ( <i>Microcitrus australis</i> ); Brown River Finger Lime ( <i>Microcitrus papuana</i> ); Calamondin ( <i>Citrofortunella microcarpa</i> ); Citron ( <i>Citrus medica</i> ); Citrus Hybrids ( <i>Citrus</i> spp., <i>Eremocitrus</i> spp., <i>Fortunella</i> spp., <i>Microcitrus</i> spp., and <i>Poncirus</i> spp.); Grapefruit ( <i>Citrus paradise</i> ); Japanese Summer Grapefruit ( <i>Citrus natsudaia</i> ); Kumquat ( <i>Fortunella</i> spp.); Lemon ( <i>Citrus limon</i> ); Lime ( <i>Citrus aurantiifolia</i> ); Mediterranean Mandarin ( <i>Citrus deliciosa</i> ); Mount White Lime ( <i>Microcitrus garrowayae</i> ); New Guinea Wild Lime ( <i>Microcitrus warburgiana</i> ); Oranges, Soft ( <i>Citrus aurantium</i> ); Orange, Sweet ( <i>Citrus sinensis</i> ); Pummelo ( <i>Citrus maxima</i> ); Russell River Lime ( <i>Microcitrus inodora</i> ); Satsuma Mandarin ( <i>Citrus unshiu</i> ); Sweet Lime ( <i>Citrus limetta</i> ); Satsuma Orange ( <i>Citrus tachibana</i> ); Tahiti Lime ( <i>Citrus latifolia</i> ); Tangelo ( <i>Citrus x tangelo</i> ); Tangent ( <i>Citrus reticulata</i> ); Tangor ( <i>Citrus nobilis</i> ); Trifoliate Orange ( <i>Poncirus trifoliata</i> ); Uniq Fruit ( <i>Citrus aurantium</i> Tangelo group); cultivars, varieties and/or hybrids of these.			
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not make more than two applications to citrus fruit as post-harvest treatments.</li> <li>2) Willowood Azoxystrobin 2.08SC may be degraded by exposure to direct sunlight. Do not store treated fruit in direct sunlight.</li> </ol>			

#### Tuberous and Corm Vegetable Subgroup 1C – Post Harvest

Arracacha; Arrowroot; Artichoke, Chinese; Artichoke, Jerusalem; Canna, Edible; Cassava, Bitter and Sweet; Chayote (root); Chufa; Dasheen; Ginger; Leren; Polato; Sweet Potato; Tanier; Tumeric; Yam Bean; Yam, True.

Use Willowood Azoxystrobin 2.08SC as a post-harvest spray for the control of certain post-harvest rots caused by Silver Scurf (*Helminthosporium solani*), *Fusarium* species, Late Blight (*Phytophthora infestans*), and Pink Rot (*Phytophthora erythroseptica*).

Application Method	Disease	Rate (fl. oz.)	Remarks
In-Line Aqueous Spray Application	Silver Scurf Fusarium Dry Rot Late Blight Pink Rot	0.6 fl. oz./ton of tubers	<ul style="list-style-type: none"> <li>• Ensure proper coverage of the tubers. Tubers should be tumbling as they are treated.</li> <li>• Mix the fungicide solution in an appropriate amount of water for the crop being treated.</li> <li>• Use T-Jet, CDA, or similar application system.</li> </ul>
<b>Do not make more than one post-harvest application to the tubers.</b>			
<b>Specific Use Restrictions:</b> <ul style="list-style-type: none"> <li>• Do not use on seed potatoes or seed pieces.</li> <li>• Ensure the Willowood Azoxystrobin 2.08SC solution remains in suspension by using agitation.</li> </ul>			

**TURF**

Golf course turf (not for use in California).

Commercial turf farms (not for use in California).

Willowood Azoxystrobin 2.08SC is recommended for control of anthracnose, brown patch, cool weather brown patch (yellow patch), Fusarium patch, gray leaf spot, gray snow mold (Typhula blight), leafspot, melting out, necrotic ring spot, pink patch, pink snow mold, Pythium blight, Pythium root rot, red thread, Rhizoctonia large patch, southern blight, spring dead spot, summer patch, take-all patch, and Zoysia patch on golf courses, lawns and landscape areas around residential, institutional, public, commercial and industrial buildings, parks, recreational areas and athletic fields.

**Integrated Pest (Disease) Management:** Sound turf management resulting in healthy, vigorous turf is the foundation of a good IPM program. Cultural practices such as proper choice of turf variety, nutrient management, proper cutting height, thatch management, and proper watering, drainage, and moisture stress management should be integrated with the use of fungicides to increase turf vigor and reduce the susceptibility to disease. Immunoassay detection kits and extension service diagnostic services can assist in the early and accurate identification of causal organisms and corresponding selection of the proper fungicide when required.

**Resistance Management:** Some turf disease pathogens are known to have developed resistance to products used repeatedly for their control. Willowood Azoxystrobin 2.08SC should be applied in a tank mix or alternation program with other registered fungicides that have a different mode of action and to which pathogen resistance has not developed. Do not apply more than two sequential Willowood Azoxystrobin 2.08SC applications for *Pythium* spp. control. For all other diseases when *Pythium* spp. is not present, do not apply more than three sequential applications of Willowood Azoxystrobin 2.08SC.

**Application Directions:** Willowood Azoxystrobin 2.08SC should be applied prior to disease development. Mix Willowood Azoxystrobin 2.08SC with the required amount of water and apply as a dilute spray application in 2-4 gallons of water per 1000 square feet (87-174 gallons per acre). Repeat applications at specified intervals for as long as required. For spot treatments, use 0.4 fl. oz. Willowood Azoxystrobin 2.08SC per 1 to 2 gallons of water. Do not apply more than 9.6 quarts product/acre/year (7.1 fl. oz. product/1000 square feet/year).

**Rate Ranges:** Use the shortest specified application interval and/or use the higher specified rate when prolonged favorable disease conditions exist.

**Dollar Spot:** Willowood Azoxystrobin 2.08SC does not control dollar spot. Willowood Azoxystrobin 2.08SC is compatible in tank mixes with many other fungicides that control dollar spot. Always tank mix Willowood Azoxystrobin 2.08SC with another fungicide that controls dollar spot when this disease is present. Follow directions under TANK MIXES/COMPATIBILITY above.

**DIRECTIONS FOR APPLICATION FOR TURF DISEASES**

Target Diseases	Use Rate (fl. oz. product per 1000 sq. ft.)	Application Interval (days)	Remarks*
Anthracnose ( <i>Colletotrichum graminicola</i> )	0.38-0.77	14-28	Apply when conditions are favorable for disease development.
Brown Patch ( <i>Rhizoctonia solani</i> )	0.38-0.77	14-28	Apply when conditions are favorable for disease development.
Cool weather brown patch Yellow patch ( <i>Rhizoctonia cerealis</i> )	0.38-0.77	28	Make one or two applications in fall or when conditions are favorable for disease development.
Fusarium patch ( <i>Microdochium nivale</i> )	0.38-0.77	14-28	Apply when conditions are favorable for disease development.
Gray Leaf Spot ( <i>Pyricularia grisea</i> )	0.38-0.77	14-28	Begin applications before disease is present and continue applications while conditions are favorable for

Author: emalone Subject: Highlight Date: 12/11/2013 2:05:44 PM

Author: emalone Subject: Sticky Note Date: 12/11/2013 2:06:42 PM  
To be enforceable change to read "Apply by ground only."

This page contains no comments

Target Diseases	Use Rate (fl. oz. product per 1000 sq. ft.)	Application Interval (days)	Remarks*
			disease development.
Gray snow mold	1.35	Single application 14	Make a single application of 1.35 fl. oz. or two applications of 0.77 spaced 14 days apart in late fall just before snow cover. Tank mixing with another snow mold fungicide may enhance control under severe disease pressure.
Typhula blight ( <i>Typhula incarnata</i> , <i>T. ishikariensis</i> )	0.77		
Leafspot ( <i>Bipolaris sorokiniana</i> )	0.38-0.77	14-21	Apply when conditions are favorable for disease development.
Melting out ( <i>Drechslera poae</i> )	0.38-0.77	14-21	Apply when conditions are favorable for disease development.
Necrotic ring spot ( <i>Leptosphaeria korrae</i> )	0.38-0.77	14-28	Apply when conditions are favorable for disease development.
Pink patch ( <i>Limomonomyces roseipeltis</i> )	0.38-0.77	14-28	Apply when conditions are favorable for disease development.
Pink snow mold ( <i>Microdochium nivale</i> )	1.35 0.77	Single application 14	Make a single application of 1.35 fl. oz. or two applications of 0.77 spaced 14 days apart in late fall just before snow cover. Tank mixing with another snow mold fungicide may enhance control under severe disease pressure.
Pythium blight Pythium root rot ( <i>Pythium aphanidermatum</i> , <i>Pythium</i> spp.)	0.38-0.77	10-14	Begin applications before disease is present. During periods of prolonged favorable conditions, treat on the 10 day application interval. For use on newly seeded as well as established turf.
Red thread ( <i>Laetisaria fuciformis</i> )	0.38-0.77	14-28	Apply when conditions are favorable for disease development.
Rhizoctonia large patch ( <i>Rhizoctonia solani</i> )	0.38-0.77	28	Make one or two applications in fall or when conditions are favorable for disease development.
Southern blight ( <i>Sclerotium rolfsii</i> )	0.38-0.77	14-28	Apply when conditions are favorable for disease development.
Spring dead spot ( <i>Leptosphaeria korrae</i> ) or ( <i>Gaeumannomyces graminis</i> var. <i>graminis</i> ) or ( <i>Ophiostoma herpotricha</i> )	0.38-0.77	28	Make one or two applications in fall or when conditions are favorable for disease development.
Summer patch ( <i>Magiaporthe poae</i> )	0.38-0.77	14-28	Apply when conditions are favorable for disease development.
Take-all patch ( <i>Gaeumannomyces graminis</i> var. <i>avenae</i> )	0.38-0.77	28	Make two applications 28 days apart in the spring and two applications 28 days apart in the fall.
Zoysia patch ( <i>Rhizoctonia solani</i> and/or <i>Gaeumannomyces incurvatus</i> )	0.38-0.77	28	Make one or two applications in late fall before snow cover or when conditions are favorable for disease development. Do not apply on top of snow.

Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC for control of *Pythium* spp. For all other diseases, do not apply more than four sequential applications of Willowood Azoxystrobin 2.08SC.

Willowood Azoxystrobin 2.08SC Rate Conversion Chart for Turf

Fluid Ounces Product Per 1000 Sq. Ft.	Ounces A.I. Per 1000 Sq. Ft.	Fluid Ounces Product Per Acre	Pints of Product Per Acre
0.4	0.104	17.4	1.1
0.5	0.130	21.8	1.4
0.6	0.156	26.1	1.6
0.7	0.182	30.5	1.9
0.77	0.200	33.5	2.1
1.35	0.35	58.8	3.7

Amount of Willowood Azoxystrobin 2.08SC to Mix 100 Gallons for Turf Applications

Willowood Azoxystrobin 2.08SC Use Rate (fl. oz.)	Spray Volume (gallons/1000 square feet)		
	2.0 gals. (fl. oz.)	3.0 gals. (fl. oz.)	4.0 gals. (fl. oz.)
0.4	20	13	10
0.5	25	17	13
0.6	30	20	15
0.7	35	23	18
0.77	38.5	26.7	19.3
1.35	67.5	45	35.75

## SEED TREATMENT

### USE INFORMATION

Willowood Azoxystrobin 2.08SC is a broad spectrum preventative fungicide with systemic and curative properties recommended for the control of many important plant diseases. Willowood Azoxystrobin 2.08SC may be applied in alternating programs or in tank mixes with other registered crop protection products. All applications should be made according to the use directions that follow. Willowood Azoxystrobin 2.08SC may be applied as a seed treatment following the guidelines specified in the label.

### USE PRECAUTIONS

Do not graze or feed clippings from treated turf areas to animals. Do not plant the following crops for a period of 14 days (unless an azoxystrobin product is registered for use on that crop): sorghum, buckwheat, millet, oats, rice, wild rice, non-grass animal feeds (alfalfa, clover), spices and sugarcane.

### SEED TREATMENT PRECAUTIONS

Page: 54

Author: emalone Subject: Cross-Out Date: 12/12/2013 3:14:04 PM

Author: emalone Subject: Highlight Date: 12/12/2013 3:13:23 PM

Author: emalone Subject: Sticky Note Date: 12/12/2013 3:13:52 PM

Author: emalone Subject: Sticky Note Date: 12/11/2013 2:12:03 PM

Author: emalone Subject: Cross-Out Date: 12/11/2013 2:15:27 PM

Author: emalone Subject: Highlight Date: 12/11/2013 2:11:35 PM

Author: emalone Subject: Sticky Note Date: 12/11/2013 2:16:55 PM

These uses are all registered for azoxystrobin now. Only buckwheat and millet remain here.

Author: emalone Subject: Cross-Out Date: 12/11/2013 2:12:39 PM

Author: emalone Subject: Cross-Out Date: 12/11/2013 2:14:08 PM

Author: emalone Subject: Cross-Out Date: 12/11/2013 2:15:54 PM

Author: emalone Subject: Cross-Out Date: 12/11/2013 2:16:07 PM

Author: emalone Subject: Highlight Date: 12/11/2013 2:17:01 PM

Author: emalone Subject: Sticky Note Date: 12/11/2013 2:53:24 PM

Reverse highlighted statement to read "All other crops with azoxystrobin registered uses may be planted immediately after the treated seed is planted."

This makes more sense for the seed PBIs.

Author: emalone Subject: Highlight Date: 12/12/2013 3:14:13 PM

Author: emalone Subject: Sticky Note Date: 12/12/2013 3:18:13 PM

The Federal Seed Act requires that containers containing treated seed be labeled with the following statements:

Replace highlighted text with:

-This seed has been treated with azoxystrobin

-Do not use treated seed for feed, food, or oil purposes


The U.S. Environmental Protection Agency requires the following statements on containers containing seed treated with azoxystrobin:

- Store treated seed away from food and feedstuffs
- Do not allow children, pets, or livestock to have access to treated seeds
- Wear long pants, long-sleeved shirt and protective gloves when handling treated seed
- Treated seeds exposed on soil surface may be hazardous to wildlife. Cover or collect treated seeds spilled during loading and planting
- Dispose of all excess treated seed by burying seed away from bodies of water
- Do not contaminate bodies of water when disposing of planting equipment wash water
- Dispose of seed packaging or containers in accordance with local requirements


**USE PRECAUTION**

When using formulations that do not contain dye, a dye used to color the treated seed must be an EPA approved dye. Refer to 40 CFR 153.155(c). All seed treated with an economic poison must be colored to distinguish and prevent subsequent inadvertent use as a food for man or feed for animals.

**SEED TREATMENT USE INFORMATION**

Apply Willowood Azoxystrobin 2.08SC at the  rate per 100 pounds of seed, using standard slurry or mist-type seed treatment equipment. Uniform application to seed is necessary to ensure seed safety and best disease protection. Seed should be sound and well cured prior to treatment. Product should be diluted with sufficient water to secure seed coverage. Consult a seed treatment specialist regarding slurry rates recommended for the crop to be treated with Willowood Azoxystrobin 2.08SC.

It is recommended that Willowood Azoxystrobin 2.08SC be combined with a Pythium-active seed treatment product to offer broad spectrum protection against the seed and seedling disease complex (*Rhizoctonia* spp. and *Pythium* spp.)

Crop	Target Diseases	Use Rate Fl. oz. product/ cwt. seed	Remarks
Canola	Seedborne Diseases Blackleg ( <i>Phoma lingam</i> ) Seedling Rhizoctonia damping-off ( <i>Rhizoctonia solani</i> ) Alternaria seedling blight ( <i>Alternaria</i> spp.)	1.5	
Cucurbits	Seedling Rhizoctonia damping-off ( <i>Rhizoctonia solani</i> ) General seed decay fungi	0.25-1.5	
Peanut	Seedborne diseases Rhizoctonia damping-off ( <i>Rhizoctonia solani</i> )	0.25-1.5	Suppression only
Potato	Black scurf & stem canker ( <i>Rhizoctonia solani</i> ) Silver scurf ( <i>Helminthosporium solani</i> )	0.31-1.5	For suppression of black scurf and stem canker and for protection against silver scurf.
Sunflower	Downy Mildew ( <i>Plasmopora halstedii</i> )	0.25-1.5	Apply Willowood Azoxystrobin 2.08SC at the  rate using standard slurry or mist-type seed treatment equipment. Uniform application to seed is necessary to ensure seed safety and best disease protection.
Rice	Seedborne fungi and early season diseases Sheath blight ( <i>Rhizoctonia solani</i> )	0.25-1.5	For protection against seedborne fungi and early season sheath blight.
Tomato	Seed decay and early season diseases Rhizoctonia damping-off ( <i>Rhizoctonia solani</i> )	0.25-1.5	For protection against seed decay and early season Rhizoctonia damping-off.
Wheat	Seedborne diseases Common bunt ( <i>Tilletia caries</i> ) Dwarf bunt ( <i>Tilletia controversa</i> )	0.25-1.5	For protection against seedborne diseases, common bunt and partial control of dwarf bunt.

Author: emalone Subject: Sticky Note Date: 12/11/2013 4:20:37 PM

Replace with "specified" or "listed"

Author: emalone Subject: Highlight Date: 12/11/2013 4:20:25 PM

Author: emalone Subject: Sticky Note Date: 12/11/2013 4:22:15 PM

Replace with "specified" or "listed"

Author: emalone Subject: Highlight Date: 12/11/2013 4:22:01 PM

Crop	Target Diseases	Use Rate Fl. oz. product/ cwt. seed	Remarks
<b>Non-Crop Uses</b>			
Flower Tree Seed	Seedborne diseases Rhizoctonia damping-off ( <i>Rhizoctonia solani</i> )	0.25-1.5	For early season protection against seedborne diseases and Rhizoctonia damping-off.
Ornamental Seed	Seedborne diseases Rhizoctonia damping-off ( <i>Rhizoctonia solani</i> )	0.25-1.5	For early season protection against seedborne diseases and Rhizoctonia damping-off.
Turfgrass	Seedborne diseases Rhizoctonia damping-off ( <i>Rhizoctonia solani</i> )	0.25-1.5	For early season protection against seedborne diseases and Rhizoctonia damping-off.

Author: emalone Subject: Sticky Note Date: 12/11/2013 11:29:25 AM

Replace with "or"

Author: emalone Subject: Highlight Date: 12/11/2013 11:29:18 AM

Author: emalone Subject: Sticky Note Date: 12/11/2013 11:30:15 AM

Replace with "Container Handling"

Author: emalone Subject: Highlight Date: 12/11/2013 11:30:04 AM

Author: emalone Subject: Highlight Date: 12/11/2013 11:30:04 AM

### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

**PESTICIDE STORAGE:** Store in original containers only. Keep container closed when not in use. Do not store near food or feed. In case of spill on floor or paved surfaces, mop and remove to chemical waste storage area until proper disposal can be made if product cannot be used according to the label.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative of the nearest EPA Regional Office for guidance.

**[Nonrefillable Container (five gallons or less):]** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill or by incineration.

**[Nonrefillable Container (greater than five gallons):]** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill or by incineration.

### CONDITION OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials

This page contains no comments

or other influencing factors in the use of the product, which are beyond the control of Willowood, LLC or Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Willowood, LLC and Seller harmless for any claims relating to such factors.

Willowood, LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or Willowood, LLC, and Buyer and User assume the risk of any such use. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, WILLOWOOD, LLC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.**

To the extent consistent with applicable law, neither Willowood, LLC nor Seller shall be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF WILLOWOOD, LLC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF WILLOWOOD, LLC OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

Willowood, LLC and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of Willowood, LLC.

Ambush, Callisto, Halex, Plant Performance, Warrior with Zeon Technology are trademarks of a Syngenta Group Company.

Acrobat is a trademark of BASF Corporation.

Aliette and Phaser are trademarks of Bayer CropScience.

Botran is a trademark of Gowan Company.

Lorsban and Kelthane are trademarks of Dow AgroSciences, LLC.

Lannate is a trademark of DuPont Crop Protection.

M-Pede is a trademark of Mycogen Corporation.

Pounce is a trademark of FMC Corporation and Agrilience, LLC.

Thiodan is a trademark of Universal Crop Protection Alliance, LLC.

[EPA approval date]





**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**  
**401 M Street, S.W.**  
**WASHINGTON, D.C. 20460**

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 1.25 hours per response for registration and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the completed form to this address.

**Certification with Respect to Citation of Data**

Applicant's/Registrant's Name, Address, and Telephone Number Willowood, LLC c/o Pyxis Regulatory Consulting, Inc.; 4110 136th SL NW Gig Harbor, WA 98332, (253) 853-7369	EPA Registration Number/File Symbol 87290-UU
Active Ingredient(s) and/or representative test compound(s) Azoxystrobin	Date December 12, 2013
General Use Pattern(s) (list all those claimed for this product using 40 CFR Part 158) Terrestrial Food/Nonfood	Product Name Willowood Azoxystrobin 2.08SC

**NOTE:** If your product is a 100% repackaging of another purchased EPA-registered product labeled for all the same uses on your label, you do not need to submit this form. You must submit the Formulator's Exemption Statement (EPA Form 8570-27).

☐ I am responding to a Data-Call-In Notice, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).

**SECTION I: METHOD OF DATA SUPPORT (Check one method only)**

☐ I am using the cite-all method of support, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).

☒ I am using the selective method of support (or cite-all option under the selective method), and have included with this form a completed list of data requirements (the Data Matrix form must be used).

**SECTION II: GENERAL OFFER TO PAY**

[Required if using the cite-all method or when using the cite-all option under the selective method to satisfy one or more data requirements]

☒ I hereby offer and agree to pay compensation, to other persons, with regard to the approval of this application, to the extent required by FIFRA.

**SECTION III: CERTIFICATION**

I certify that this application for registration, this form for reregistration, or this Data-Call-In response is supported by all data submitted or cited in the application for registration, the form for reregistration, or the Data-Call-In response. In addition, if the cite-all option or cite-all option under the selective method is indicated in Section I, this application is supported by all data in the Agency's files that (1) concern the properties or effects of this product or an identical or substantially similar product, or one or more of the ingredients in this product; and (2) is a type of data that would be required to be submitted under the data requirements in effect on the date of approval of this application if the application sought the initial registration of a product of identical or similar composition and uses.

I certify that for each exclusive use study cited in support of this registration or reregistration, that I am the original data submitter or that I have obtained the written permission of the original data submitter to cite that study.

I certify that for each study cited in support of this registration or reregistration that is not an exclusive use study, either: (a) I am the original data submitter; (b) I have obtained the permission of the original data submitter to use the study in support of this application; (c) all periods of eligibility for compensation have expired for the study; (d) the study is in the public literature; or (e) I have notified in writing the company that submitted the study and have offered (i) to pay compensation to the extent required by sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA; and (ii) to commence negotiations to determine the amount and terms of compensation, if any, to be paid for the use of the study.

I certify that in all instances where an offer of compensation is required, copies of all offers to pay compensation and evidence of their delivery in accordance with sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA are available and will be submitted to the Agency upon request. Should I fail to produce such evidence to the Agency upon request, I understand that the Agency may initiate action to deny, cancel or suspend the registration of my product in conformity with FIFRA.

I certify that the statements I have made on this form and all attachments to it are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

Signature

Date

12/12/13

Typed or Printed Name and Title

Michael Kellogg; Agent

## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street, S.W.  
WASHINGTON, D.C. 20460

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

## DATA MATRIX

Date December 12, 2013

EPA Reg No./File Symbol 87290-UU

Page 2 of 6

Applicant's/Registrant's Name &amp; Address

Willowood, LLC  
1600 NW Garden Valley Blvd., Suite 120  
Roseburg, OR 97471

Product

Willowood Azoxystrobin 2.08SC

Ingredient Azoxystrobin

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6317	Storage Stability	49196803	Willowood, LLC	OWN	
830.6319	Miscibility				Not required <sup>6</sup>
830.6320	Corrosion Characteristics	49196803	Willowood, LLC	OWN	
830.6321	Dielectric Breakdown Voltage				Not required <sup>7</sup>
830.7000	pH	49196802	Willowood, LLC	OWN	
830.7050	UV/Visible Absorption				Not required <sup>3</sup>
830.7100	Viscosity	49196802	Willowood, LLC	OWN	
830.7200	Melting Point/Melting Range				Not required <sup>3</sup>
830.7220	Boiling Point/Boiling Range				Not required <sup>3</sup>
830.7300	Density/Relative Density/Bulk Density	49196802	Willowood, LLC	OWN	
830.7370	Dissociation Constants in Water				Not required <sup>3</sup>
830.7520	Particle size, fiber length, diameter distribution				Not required <sup>8</sup>
830.7550	Partition Coefficient (n-octanol/water), Shake Flask Method				Not required <sup>3</sup>
830.7560	Partition Coefficient (n-octanol/water), Generator Column Method				Not required <sup>3</sup>
830.7570	Partition Coefficient (n-octanol/water), Estimation by Liquid Chromatography				Not required <sup>3</sup>

Signature

Name and Title

Michael Kellogg, Consultant

Date

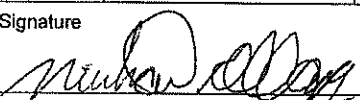
12/12/13

## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street, S.W.  
WASHINGTON, D.C. 20460

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.


## DATA MATRIX

Date December 12, 2013		EPA Reg No./File Symbol 87290-UU		Page 4 of 6	
Applicant's/Registrant's Name & Address		Product			
Willowood, LLC 1600 NW Garden Valley Blvd., Suite 120 Roseburg, OR 97471		Willowood Azoxystrobin 2.08SC			
Ingredient Azoxystrobin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
<b>Willowood Azoxystrobin 2.08SC Product Specific Data Requirements</b>					
Willowood, LLC is using the cite-all option under the selective method to satisfy acute toxicity data requirements. Willowood, LLC has made offers-to-pay to the following companies on the September 25, 2013 Data Submitters List for azoxystrobin.					
<b>Azoxystrobin Product Specific Data Requirements</b>					
Azoxystrobin Product Specific Data Requirements	Cite-All		Syngenta Crop Protection, LLC	PAY	
Azoxystrobin Product Specific Data Requirements	Cite-All		Nufarm Americas, Inc.	PAY	
Azoxystrobin Product Specific Data Requirements	Cite-All		Cheminova A/S	PAY	
Azoxystrobin Product Specific Data Requirements	Cite-All		Gustafson LLC	PAY	
Azoxystrobin Product Specific Data Requirements	Cite-All		Loveland Products, Inc.	PAY	
Azoxystrobin Product Specific Data Requirements	Cite-All		Albaugh Inc.	PAY	
Signature 			Name and Title Michael Kellogg, Consultant		Date 12/12/13

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**  
**401 M Street, S.W.**  
**WASHINGTON, D.C. 20460**

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

**DATA MATRIX**

Date <b>December 12, 2013</b>			EPA Reg No./File Symbol <b>87290-UU</b>	Page <b>6</b> of 6	
Applicant's/Registrant's Name & Address  Willowood, LLC 1600 NW Garden Valley Blvd., Suite 120 Roseburg, OR 97471			Product  Willowood Azoxystrobin 2.08SC		
Ingredient <b>Azoxystrobin</b>					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
Azoxystrobin Product Specific Data Requirements	Cite-All		Irvita Plant Protection N.V.	PAY	
Azoxystrobin Product Specific Data Requirements	Cite-All		Agricultural Handlers Exposure Task Force	OWN	See endnote <sup>9</sup>
Azoxystrobin Product Specific Data Requirements	Cite-All		Isagro S.P.A.	PAY	
Azoxystrobin Product Specific Data Requirements	Cite-All		Greenfields Marketing Ltd.	PAY	
<b>Azoxystrobin Generic Data Requirements</b>					
Willowood Azoxystrobin 2.08SC qualifies for Formulator's Exemption for azoxystrobin generic data requirements.					
Signature 			Name and Title Michael Kellogg, Consultant		Date <b>12/12/13</b>

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION  
OFFICE OF PESTICIDE PROGRAMS REGISTRATION DIVISION (7505P)

**DP BARCODE No.:** 415210; **FILE SYMBOL No.:** 87290-UU; **PRODUCT NAME:** Willowood Azoxystrobin 2.08SC; **DECISION No.:** 482054; **PC Code(s):** 128810; **ACTION CODE:** R300; **FOOD Use:** Yes

**DATE OUT:** September 27, 2013

**SUBJECT:** End Use Product Chemistry Review  
Product Name: Willowood Azoxystrobin 2.08 SC

**FROM:** Shyam Mathur  
Product Chemistry Team Leader  
Technical Review Branch/RD (7505P)

*Shyam Mathur*  
*JCR 9/27/13*

**TO:** Erin Malone / Shaja Joyner, RM 20  
Fungicide Branch / RD (7505P)

**Company Name:** Willowood LLC

**Formulation Type:** Fungicide

**INTRODUCTION:**

The registrant has submitted an application for the registration of the new end use product "Willowood Azoxystrobin 2.08 SC". The registrant has submitted a CSF for basic formulation (dated August 13, 2013). In support of the registration application, the registrant has submitted 830 series group A and group B product chemistry data with MRID Nos. 491968-01 to 491968-04. The registrant has requested waivers for the number of guidelines under MRID No. 491968-04. The registrant has provided justifications for the waiver requests. The registrant has also submitted the results of accelerated storage stability (830.6317) and corrosion characteristics (830.6320) studies with MRID No. 491968-03. The registrant has claimed that the proposed product is substantially similar to the registered product with Reg. No. 100-1222. TRB has been asked to determine the acceptability of the proposed basic CSF, the supporting product chemistry data and also determine similarity to the cited product.

**SUMMARY OF FINDINGS:**

1. Name of Active Ingredient(s): Azoxystrobin (22.9%)
2. Has the registrant claimed substantial similarity to a registered product?

[X] Yes; [ ] No; [ ] NA; if yes, give the registration number of the cited product.

Reg. No. 100-1222

3. All of the source materials of the active ingredient are derived from registered sources: ☒ Yes ☐ No

4. All inert ingredients have been screened by IIAB and found to be approved for the proposed labeled Uses: ☒ Yes; ☐ No

5. Confidential Statement of Formula(s):

☒ Proposed Basic - Dated: 08-13-2013

☐ Proposed Alternate CSF – Both Dated: ; Re-submitted – Dated: NA

Alternate CSF(s) complies with 40CFR§152.43: ☐ Yes; ☐ No; ☒ NA

6. Product label

a. Ingredient statement: Nominal concentration of AI listed on CSF(s) concurs with product label (PR Notice 91-2).

☒ Yes; ☐ No; if not, explain below:

Is the sub statement in compliance with PR Notice 97-6 (inert ingredient vs other ingredient)

☒ Yes; ☐ No; if not, explain below:

Metallic equivalent: ☐ Yes ☒ NA

Soluble arsenic: ☐ Yes ☒ NA

Isomeric ratios: ☐ Yes ☒ NA

Acid Equivalent: ☐ Yes ☒ NA

b. Health related sub statements: Product contains?

Petroleum distillate at > 10%: ☐ Yes ☐ No ☒ NA

Methanol at > 4%: ☐ Yes ☐ No ☒ NA

Sodium nitrate/Sodium Nitrite ☐ Yes ☐ No ☒ NA

c. Physical chemical hazard statement: Product label requires a statement per 40 CFR §156.78 for flammability, explosive potential or electric insulator breakdown?

☐ Yes; ☒ No

Is the sub statement in compliance with PR Notice 98-6 (Total Release Fogger)?

☐ Yes; ☐ No; ☒ NA; if not, explain below

d. Label requires an additional Storage and Disposal statement:

☐ Yes; ☒ No; if yes explain below:

7. Group A: Product Chemistry Data

TRB's determination of the acceptability for the proposed product is listed in the tables below.

Guideline No.	Study Title		Data submitted		TRB's Assessment of Data	MRID Nos.
			Yes	No		
830.1550	Product Identity & Composition		X		A	491968-01
830.1600	Description of materials used to produce the product		X		A	491968-01
830.1650	Description of formulation process		X		A	491968-01
830.1670	Discussion on the formation of impurities		X		A	491968-01
830.1700	Preliminary analysis				NA	
830.1750	Certified limits (158.350)	Standard certified limits	X		A	Basic CSF dated 8-13-2013
		Proposed Limits				
		Justification for wider limits				
830.1800	Enforcement analytical method		X		A	491968-01

A = Acceptance, N = Not Acceptable, G = Data Gap, W = Waiver Request, I = In Progress, NA = Not Applicable; U = Upgradeable.

8. Group B:

Guideline No.	Study Title	Value or Qualitative Description	TRB's Assessment of Data	MRID Nos.
830.6302	Physical State	Liquid 20-25°C	A	491968-02
830.6314	Oxidation/reduction	Compatible with: water, 5% Ammonium phosphate, Fe powder and Aromatic 200 Fluid. But was incompatible with 5% potassium permanganate solution.	A	491968-02
830.6315	Flammability	Waiver	A	491968-04
830.6316	Explosibility	Waiver	A	491968-04
830.7000	pH	6.35(1% dispersion) @25°C	A	491860-02
830.7100	Viscosity	See Note 1	A	491968-02
830.7300	Density	1.094 g/ml (9.13 lbs/gal) @ 24 °C	A	491968-02

A = Acceptance, N = Not Acceptable, G = Data Gap, W = Waiver request, NA = Not applicable, I = In progress; U = Upgradeable.

**Note 1: 830.7100 (viscosity)**

Speed	Viscosity, 24 °C	Viscosity, 38 °C
0.5	6080 centipoise	4720 centipoise
1	4000 centipoise	3000 centipoise
2.5	2128 centipoise	1664 centipoise
5	1280 centipoise	1056 centipoise
10	780 centipoise	656 centipoise
20	478 centipoise	410 centipoise
50	249.6 centipoise	212.8 centipoise
100	160 centipoise	143.2 centipoise



DP BARCODE No.: 415210; SYMBOL No.: 87290-UU; PRODUCT NAME: Willowood Azoxystrobin 2.08SC; DECISION No.: 482054; PC Code(s): 128810; ACTION CODE: R300; FOOD Use: Yes

**Waiver requests** (MRID No. 491968-04)

The registrant has requested waivers for the following guidelines:

Guideline No.	Title	Discussion
830.6313	Stability to Normal and Elevated Temperatures, Metals, and Metal Ions	Per OPPTS 830.1000, these data are not required for the registration of an end-use product.
830.6315	Flammability	This product does not contain flammable ingredients; therefore, Willowood, LLC requests a waiver for this data requirement. Please refer to the Confidential Statement of Formula for additional information on the composition of Willowood Azoxystrobin 2.08SC.
830.6316	Explodability	This product does not have explosive characteristics; therefore, Willowood, LLC requests a waiver for this data requirement. Please refer to the Confidential Statement of Formula for additional information on the composition of Willowood Azoxystrobin 2.08SC.
830.6319	Miscibility	Willowood Azoxystrobin 2.08SC is not an emulsifiable concentrate; therefore, these data are not applicable nor are these data required.
830.6321	Dielectric breakdown voltage	This product is not proposed for use around electrical equipment; therefore, Willowood, LLC requests a waiver for this data requirement.
830.7050	UV/Visible Absorption	Per OPPTS 830.1000, these data are not required for the registration of an end-use product.
830.7200	Melting Point/Melting Range	Per OPPTS 830.1000, these data are not required for the registration of an end-use product.
830.7220	Boiling Point/Boiling Range	Per OPPTS 830.1000, these data are not required for the registration of an end-use product.
830.7370	Dissociation Constants in Water	Per OPPTS 830.1000, these data are not required for the registration of an end-use product.
Guideline No.	Title	Discussion
830.7520	Particle size, fiber length, diameter distribution	Willowood Azoxystrobin 2.08SC is not water insoluble and is not a fibrous material; therefore, Willowood, LLC requests a waiver for this data requirement.
830.7550 – 830.7570	Partition Coefficients	Per OPPTS 830.1000, these data are not required for the registration of an end-use product.
830.7840 – 830.7860	Water Solubility	Per OPPTS 830.1000, these data are not required for the registration of an end-use product.
830.7950	Vapor Pressure	Per OPPTS 830.1000, these data are not required for the registration of an end-use product.

**CONCLUSIONS:**

The TRB has reviewed the product chemistry data submitted for the proposed end-use product and has concluded that:

1. The proposed basic CSF (dated 08-13-2013) is acceptable.
2. The data submitted corresponding to guidelines 830.1550 (product identity & composition), 830.1600 (description of materials used to produce product), 830.1650 (description of formulation process), 830.1670 (description of formation of impurities), 830.1750 (certified limits) and 830.1800 (enforcement analytical method) are acceptable.
3. The product chemistry data submitted corresponding to guidelines 830.6302 (color), 830.6303 (physical state), 830.6304 (odor), 830.6314 (oxidation/reduction), 830.7000 (pH), 830.7100 (viscosity) and 830.7300 (density) are acceptable.
4. Based on the justifications provided, the waiver requests for the guidelines submitted under MRID No. 491968-04 are acceptable.
5. The proposed product with File Symbol No. 87290-UU was determined to be substantially similar to the cited product with Reg. No. 100-1222 from the product chemistry point of view.

# DATA PACKAGE BEAN SHEET

Date: 20-Sep-2013

Page 1 of 2

Decision #: 482054

DP #: (415210)

PRIA

Parent DP #:

Submission #: 939791

E-Sub #:

## \*\*\* Registration Information \*\*\*

Registration: 87290-UU - WILLOWOOD AZOXYSTROBIN 2.08SC

Company: 87290 - WILLOWOOD, LLC

Risk Manager: <sup>20</sup>RM 22 - Tony Kish - (703) 308-9443 Room# PY1 S-7318

Risk Manager Reviewer: Erin Malone EMALONE

Sent Date:

PRIA Due Date: 06-Jan-2014

Edited Due Date:

Type of Registration: Product Registration - Section 3

Action Desc: (R300) NEW PRODUCT;OR SIMILAR COMBINATION PRODUCT (ALREADY REGISTERED)

Ingredients: 128810, Azoxystrobin(22.9%)

## \*\*\* Data Package Information \*\*\*

Expedite: ☐ Yes ☒ No

Date Sent: 20-Sep-2013

Due Back:

DP Ingredient: 128810, Azoxystrobin

DP Title: Subs similar product chem review for EP

CSF Included: ☒ Yes ☐ No

Label Included: ☒ Yes ☐ No

Parent DP #:

### Assigned To

Date In

Date Out

Organization: RD / TRB

Last Possible Science Due Date: 22-Nov-2013

Team Name: CHEM

Science Due Date:

Reviewer Name:

Shyam Malik

9/26/13

9/27/13

Sub Data Package Due Date:

Contractor Name:

## \*\*\* Studies Sent for Review \*\*\*

Printed on Page 2

## \*\*\* Additional Data Package for this Decision \*\*\*

Can be printed on its own page

## \*\*\* Data Package Instructions \*\*\*

Chem team:

I have a proposed azoxystrobin EP that is claiming to be substantially similar to 100-1222. {In the chem review, Marianne concluded that the proposed product and -1222 were not similar enough and the registrant had to cite another product's tox data} To support the required product chemistry guidelines, the registrant has submitted group A data and group B data {MRIDs 49196801, -02, -03, -04} Does this submitted data fulfill the requirements? Is the proposed basic csf dated 8/13/13 acceptable?

Let me know if you need any other documents or have any questions or concerns.

\*\*Please perform a 45 day technical screen by 10/14\*\*

Thanks,  
Erin

MRID	MRID Status	Citation Reference	Guideline	86-5 Status
49196801		Kellogg, M. (2013) Product Identity and Composition, Description of the Materials Used, Description of the Formulation Process, Discussion of the Formation of Impurities, Certified Limits, and Analytical Methods to Verify Certified Limits for Willowood Azoxystrobin 2.08SC. Project Number: WW/201309. Unpublished study prepared by Willowood, LLC. 83p.	830.1550/Product Identity and composition	Pass (23-Aug-2013)
49196801		Kellogg, M. (2013) Product Identity and Composition, Description of the Materials Used, Description of the Formulation Process, Discussion of the Formation of Impurities, Certified Limits, and Analytical Methods to Verify Certified Limits for Willowood Azoxystrobin 2.08SC. Project Number: WW/201309. Unpublished study prepared by Willowood, LLC. 83p.	830.1600/Description of materials used to produce the product	Pass (23-Aug-2013)
49196801		Kellogg, M. (2013) Product Identity and Composition, Description of the Materials Used, Description of the Formulation Process, Discussion of the Formation of Impurities, Certified Limits, and Analytical Methods to Verify Certified Limits for Willowood Azoxystrobin 2.08SC. Project Number: WW/201309. Unpublished study prepared by Willowood, LLC. 83p.	830.1650/Description of formulation process	Pass (23-Aug-2013)
49196801		Kellogg, M. (2013) Product Identity and Composition, Description of the Materials Used, Description of the Formulation Process, Discussion of the Formation of Impurities, Certified Limits, and Analytical Methods to Verify Certified Limits for Willowood Azoxystrobin 2.08SC. Project Number: WW/201309. Unpublished study prepared by Willowood, LLC. 83p.	830.1670/Discussion of formation of impurities	Pass (23-Aug-2013)
49196801		Kellogg, M. (2013) Product Identity and Composition, Description of the Materials Used, Description of the Formulation Process, Discussion of the Formation of Impurities, Certified Limits, and Analytical Methods to Verify Certified Limits for Willowood Azoxystrobin 2.08SC. Project Number: WW/201309. Unpublished study prepared by Willowood, LLC. 83p.	830.1750/Certified limits	Pass (23-Aug-2013)
49196801		Kellogg, M. (2013) Product Identity and Composition, Description of the Materials Used, Description of the Formulation Process, Discussion of the Formation of Impurities, Certified Limits, and Analytical Methods to Verify Certified Limits for Willowood Azoxystrobin 2.08SC. Project Number: WW/201309. Unpublished study prepared by Willowood, LLC. 83p.	830.1800/Enforcement analytical method	Pass (23-Aug-2013)
49196802		Leapard, B. (2013) Physical and Chemical Characteristics of Willowood Azoxystrobin 2.08SC: Final Report. Project Number: ARC/EX/1323, ARC/EX/1323/006/P/1. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 13p.	830.6302/Color	Pass (23-Aug-2013)
49196802		Leapard, B. (2013) Physical and Chemical Characteristics of Willowood Azoxystrobin 2.08SC: Final Report. Project Number: ARC/EX/1323, ARC/EX/1323/006/P/1. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 13p.	830.6303/Physical state	Pass (23-Aug-2013)
49196802		Leapard, B. (2013) Physical and Chemical Characteristics of Willowood Azoxystrobin 2.08SC: Final Report. Project Number: ARC/EX/1323, ARC/EX/1323/006/P/1. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 13p.	830.6304/Odor	Pass (23-Aug-2013)

waiting on jacket  
87290- UU  
8/22/13 SH

## Memorandum

Date: 8 / 19 / 13

To: PM 22, Regulatory Manager

From: Information Services Branch, ITRMD

Your receipt of this data submission is not an indication that MRIDs for the enclosed studies have been posted to OPPIN.

**We expect that it will be approximately 5 days from the above date before the study-level data is available in OPPIN.**

If you have any questions about this process, please contact Teresa Downs (305-5363).

This is a: ☒ fully accepted submission  
☐ partially accepted submission  
☐ rejected submission



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**  
WASHINGTON, D.C. 20460

August 19, 2013

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

PYXIS REGULATORY CONSULTING, INC.  
WILLOWOOD, LLC  
4110 136TH ST., NW  
GIG HARBOR, WA 98332

Report of Analysis for Compliance with PR Notice 11-03

Thank you for your submittal of 15-AUG-13. Our staff has completed a preliminary analysis of the material. The results are provided as follows:

Your submittal was found to be in full compliance with the standards for submission of data contained in PR Notice 11-03. A copy of your bibliography is enclosed, annotated with Master Record ID's (MRIDs) assigned to each document submitted. Please use these numbers in all future references to these documents. Thank you for your cooperation. If you have any questions concerning this data submission, please raise them with the cognizant Product Manager, to whom the data have been released.

# Receipt for Section 3

S: 939791

Resubmission: ☐ Yes ☒ No

Regulatory Type: Product Registration - Section 3

Fee For Service: ☒ Yes ☐ No

Application Type: New Registration

Billable: ☒ Yes ☐ No

Company: 87290 WILLOWOOD, LLC

V

Risk Manager: Registration Division, Risk Management Team 22

Product #: 87290-UU Product Name: WILLOWOOD AZOXYSTROBIN 2.08SC

Override#:

Me Too  
Section3: 100-1222

Me Too  
Product Name: QUADRIS S

Application Date: 13-Aug-2013

OPP Rec'd Date: 15-Aug-2013

Front End Date: 16-Aug-2013

Risk Manager Send Date: 16-Aug-2013

FFS Due Date: 06-Jan-2014

Negotiated Due Date:

OPP Target Date:

Fast Track: ☒

New Ingredient: ☐

Receipt Description:

Application for registration of new product

Form A: ☐

Signature Date:

Form B: ☐

Signature Date:

Print Letter

Enter More Information

Tracking

Receipt Content

Study

CSF

View/Edit

New Ingredient

Request Date:

New Ingredient

Received Date:

# Similarity Clinic Screen Completed

Date: 9/10/13

Jacket #: 87290-UU

## Actions Done:

Acute Toxicity Review: COMPLETED - IN JACKET  
Acute Toxicity Language for Label: IN THE REVIEW

Product Chemistry Review: NEW SUBMITTED -  
SEND TO TRB

**Transfer This Jacket To:** FOR FULL  
REVIEW  
PM 20, SHAYA JOYNER



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460



OFFICE OF  
CHEMICAL SAFETY AND  
POLLUTION PREVENTION

SIMILARITY CLINIC MEMORANDUM:

Subject: EPA Reg. No.: 87290-UU/Willowood Azoxystrobin 2.08SC  
DP Barcode: 414850  
PC Code: 128810

From: Marianne Lewis, Biologist  
Insecticides/Rodenticides Branch  
Registration Division (7505P)

To: Shaja Joyner, PM 20  
Fungicide Branch  
Registration Division (7505P)

Applicant: Willowood, LLC  
c/o Pyxis Regulatory Consulting, Inc.  
4110 136<sup>th</sup> St. NW  
Gig Harbor, WA 98332

*Marianne Lewis*  
*Eugene McCloud* 9/10/13

FORMULATION FROM EPA Reg. No. 87290-UU LABEL:

	<u>% by wt.</u>
<u>Active Ingredient(s):</u>	
Azoxystrobin: .....	22.9%
<u>Inert Ingredient(s):</u> .....	77.1%
Total	100.0%

BACKGROUND: The registrant is requesting a "cite all" for the acute toxicity data requirement and is citing similarity to EPA Reg. No. 100-1222 to support the reregistration of their product, EPA Reg. No. 87290-UU. After reviewing the CSF's from EPA Reg. No. 264-1222, the subject product, and the primary dispersant in the subject product, the EPA will cite this product. The subject product will be assigned to the following acute oral (81-1) – III; acute dermal (81-2) – III; acute inhalation (81-3) – IV; acute eye irritation (81-4) – IV; primary dermal irritation (81-5) – IV. The subject product is classified as a non sensitizer.

*cited ↑ product  
is 100-1222  
not 264-1222*

The registrant has submitted product chemistry data to support the studies. The acute toxicity studies should go to TRB/RD for a full review.

RECOMMENDATIONS:

- The subject product will be assigned the five (81-1, 81-2, 81-3, 81-4, 81-5) acute toxicity categories as listed above. No further studies are required at this time.
- The subject product will be classified as a non sensitizer.

The acute toxicity profile for EPA Reg. No. 87290-UU is currently:

Acute Oral	III	Cited
Acute Dermal	III	Cited
Acute Inhalation	IV	Cited
Primary Eye	IV	Cited
Primary Dermal	IV	Cited
Skin Sensitization	non sensitizer	Cited

NOTE: The acute toxicity study requirements have been satisfied for the subject product.

**LABELING:**

**ID #:** 087290-UU

WILLOWOOD AZOXYSTROBIN 2.08SC

**SIGNAL WORD:**

**CAUTION**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS:**

Harmful if swallowed. Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Wear long sleeved shirt and long pants, shoes, socks, and chemical resistant gloves (such as or made out of any waterproof material, selection category A).

**FIRST AID:**

**IF SWALLOWED:** Immediately call a poison control center or doctor. Do not induce vomiting unless told to by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-xxx-xxxx for emergency medical treatment information.

**USER SAFETY RECOMMENDATIONS:**

User should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

User should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**Lewis, Marianne**

---

**From:** Lewis, Marianne  
**Sent:** Thursday, August 22, 2013 2:31 PM  
**To:** 'Mike Kellogg'  
**Subject:** FW: sim clinic review of EPA Reg. No. 87290-UU

Mike,

We have conducted a Similarity Screen for the 87276-UU product registration application. In the application package you are claiming similarity to EPA Reg. No. 100-1222 and doing a cite all in the data matrix to the registration of your new product EPA Reg. No. 87276-UU.

The inerts are too different – your product is not substantially similar to EPA Reg. No. 100-1222. The differences in the inerts will change the tox profile of the cited product. Therefore, the cited studies cannot be used to support the new product.

Please cite another product to satisfy the acute toxicity requirements.

You have 10 business days to respond (by 9/5/13) or withdraw your application package – otherwise the rejection process will begin.

If you have any questions please feel free to contact me.

Marianne

Marianne Lewis  
Biologist  
IRB/RD  
703 308-8043

**21-Day Screen Completed by**  
**Contractor**

**21-Day Expires on** 9/5/13

**Jacket #** 87290-uu

**MRID#** 491968

**Content Screen:** Recommend to Pass/Fail

**11-3 Review:** Pass/Fail/NA

**Overall Status:** Recommend to Pass/Fail

**Transfer This Jacket to:**

Steve Schaible

20

# PRIA 3 – 21 Day Content Screen Review Worksheet

(EPA/OPP Use Only)

September 2012

21 Day Screen Start Date: 8/15/13

Experts In-Processing Signature: MP Date 8/16/13 Fee Paid: Yes ☒

Division management contacted on issues No ☐ Yes ☐ Date \_\_\_\_\_

EPA Reg. Number: <u>87290-66</u>		EPA Receipt Date: <u>8/15/13</u>				
Items for Review				Yes	No	N/A*
1	Application Form (EPA Form 8570-1) signed & complete including package type			<input checked="" type="checkbox"/>		
2	Confidential Statement of Formula all boxes completed, form signed, and dated (EPA Form 8570-4)			<input checked="" type="checkbox"/>		
	a) All <u>inerts</u> , including fragrances, approved for the proposed uses (see Footnote A)	yes	no			
3	Certification with Respect to Citation of Data (EPA Form 8570-34) completed and signed (N/A if 100% repack)			<input checked="" type="checkbox"/>		
	Certificate and data matrix consistent			<input checked="" type="checkbox"/>		
	If applicant is relying on data that are compensable, is the offer to pay statement included. (see Footnote B)			yes	no	
	If applicable, is there a letter of Authorization for exclusive use only.					
4	Formulator's Exemption Statement (EPA Form 8570-27) completed and signed (N/A if source is unregistered or applicant owns the technical)			<input checked="" type="checkbox"/>		
5	Data Matrix (EPA Form 8570-35) both internal and external copies (PR 98-5) completed and signed (N/A if 100% repack)			<input checked="" type="checkbox"/>		
	a) Selective Method (Fee category experts use)	yes	no			
	b) Cite-All (Fee category experts use)					
	c) Applicant owns all data (Fee category experts use)					
6	5 Copies of Label (Electronic labels on CD are encouraged and guidance is available)			<input checked="" type="checkbox"/>		
7	Is the data package consistent with PR Notice 86-5			<input checked="" type="checkbox"/>		
8	Notice of Filing included with petitions					<input checked="" type="checkbox"/>

9	If applicable for conventional applications, <u>reduced risk rationale</u>			X
	<u>Required Data</u> and/or data waivers. See Footnote C.			
10	a) List study (or studies) not included with application			

**Comments:**

- \* A-1, % comp + Category added.
- \* CSF : Approved under food use 920
- \* Data Package approved
- \* Label approved.

MRID: 491968

IK 703-347.8518

\* N/A – Not Applicable

#### Footnotes

A. During the 21 day initial content review, all CSFs will be reviewed to determine whether all inerts listed, including fragrances, are approved for the proposed uses or have an application pending with the Agency. If an unapproved inert with no application pending with the Agency is identified, the applicant must either 1) resolve the inert issue by, for example, removing the inert, substituting it with an approved inert, submitting documentation that EPA approved the inert for the proposed pesticidal uses, correcting mistakes on the CSF, etc. or 2) provide the data to support OPP approval of the inert or 3) withdraw the application. Removing or substituting an inert ingredient will require a new CSF and may require submission of data. All information, forms, data and documentation resolving the inert issue must have been received by the Agency or the application withdrawn within the 21 day period, otherwise, the Agency will reject the application as described below.

To successfully complete this aspect of the 21 day initial content screen, applicants are **strongly encouraged** to verify that all inert ingredients have been approved for the application's uses or have an application pending with the Agency **even if a product is currently registered** by consulting the inert Web site and if the inert is not approved nor has an application pending with the Agency, to **obtain the necessary inert approval prior to submitting an application to register a pesticide product containing that inert ingredient**. Some inert ingredients are no longer approved for food uses or certain types of uses. The name and/or CAS number on a CSF must match the name and CAS number on this web site. Simple typographical errors in the name or CAS number have resulted in processing delays.

If an inert is not listed on the inert ingredient web site and the applicant believes that the inert has been approved, the applicant should contact the Inert Ingredient Assessment Branch (IIAB) at inertsbranch@epa.gov and resolve the issue. Copies of the correspondence with IIAB resolving the issue should accompany the application. All new inerts except PIP inerts are reviewed by IIAB. The IIAB should also be contacted for any questions on what supporting data needs to be submitted for and the Agency's inert review process. Questions on PIP inerts should be directed to the Chief of Microbial Pesticides Branch.

When a brand, trade, or proprietary name of an inert ingredient is listed on a CSF, additional information such as an alternate name of the inert, CAS number or other information must also be included to enable the Agency to determine if it has been approved. Each component of an inert mixture (including a fragrance) must be identified. In some cases, the supplier of the mixture or fragrance may need to provide this information to the Agency. Prior to the Agency's receipt of an application, applicants must arrange with a proprietary mixture or fragrance supplier to provide the component information to the Agency or promptly upon EPA's request. If the inert ingredients in a proprietary blend (including fragrances) cannot or are not identified or provided within the 21-day content review period, the Agency will reject the application.



During the 21 day content review, applicants should submit information to the individual identified by the Agency when the applicant is informed of an unapproved inert.

### **Unapproved Inerts Identified on CSFs**

#### **All applications except conventional new products and PIPs**

Once an unapproved inert is identified on a CSF, the Agency will contact the applicant with the following options:

1. Correct the application by, for instance, correcting the inert's identity or CAS number, providing documentation that the inert has been approved, or removing the unapproved inert from the CSF or replacing it with one that is approved for the application's uses; or
2. Provide the required information necessary to identify an inert approval application that is pending with the Agency; or
3. Submit the information and data needed for the Agency to approve the unapproved inert. If this option is selected and implemented, the Agency may request an extension in the PRIA decision review timeframe to accommodate the inert review/approval process;
4. Withdraw the application (the Agency retains 25% of the full fee for the fee category estimated); or

If none of these options is selected and implemented by the applicant within the 21 day content review period, the Agency will reject the application and retain 25% of the full fee of the category identified.

### **Conventional New Product Applications**

When the Registration Division identifies an unapproved inert on a CSF with an application for a new product that the applicant has not identified as requiring an inert approval (R300 or R301), it will contact the applicant with the following options:

1. Correct the application by, for instance, correcting the inert's identity or CAS number, providing documentation that the inert has been approved, or removing the unapproved inert from the CSF or replacing it with one that is approved for the application's uses; or
2. Submit the information and data needed for the Agency to approve the unapproved inert, including any required petition to establish or amend a tolerance or exemption from a tolerance. (This option may change the PRIA category for the application, which could require a longer decision review time and a larger fee. If additional fees are due, they must be received by the Agency within the 21 day content review period.)

3. Withdraw the application (the Agency retains 25% of the full fee for the fee category estimated); or

If none of the above options is selected and implemented during the 21-day content-review period, the Agency will reject the application and retain 25% of the appropriate fee for the new product-inert approval category.

### PIP Applications

When the Biopesticide and Pollution Prevention Division identifies an unapproved inert on a PIP CSF and a request to approve the inert does not accompany the application, it will contact the applicant with the following options:

1. Correct the application by, for instance, correcting the spelling or name of the inert to that in 40 CFR 174, or providing documentation that the inert has been approved; or
2. Submit the information and data needed for the Agency to approve the unapproved inert. If an inert ingredient tolerance exemption petition is required, the petition must be received by the Agency and the B903 fee paid within the 21 day period. If this option is selected and implemented, the Agency will discuss harmonizing the timeframe for both actions.
3. Withdraw the application (the Agency retains 25% of the full fee for the fee category estimated); or

If none of the above options is selected and implemented during the 21 day content review period, the Agency will reject the application and retain 25% of the fee.

B. A policy on documentation of offers to pay is still being developed, however, for a me-too or fast track (similar/identical) new product, R300 or A530, an application without the necessary authorizations of offers to pay will be placed into either R301 or A531. The Agency recommends that authorizations of offers to pay be submitted with other PRIA applications to avoid delays in the Agency's decision.

C. Biopesticide applicants are advised to contact the Agency and discuss study waivers prior to submitting their application to the Agency. Documentation of such discussions should be submitted with the study waiver.

## R 300 and 301

100% identical (repack): YES or NO (circle one)

{If **yes**, it's a 100% repack - then product chemistry, acute toxicity and efficacy data are not required}

Data on Group A and B must be submitted - Group A and B can not be cited.

Guideline No.	Group A: Product Chemistry Data Study Title	Data submitted	
		Yes	No
830.1550	Product Identity & Composition	✓	
830.1600	Description of materials used to produce the product	✓	
830.1650	Description of formulation process	✓	
830.1670	Discussion on the formation of impurities	✓	
830.1700	Preliminary analysis		✓
830.1750	Certified limits (158.345)	✓	
830.1800	Enforcement analytical method	✓	

Guideline No.	Group B: Product Chemistry Data Study Title	Data submitted	
		Yes	No
830.6302	Color	✓	
830.6303	Physical State	✓	
830.6304	Odor	✓	
830.6314	Oxidation/Reduction (Chemical incompatibility)	✓	
830.6315	Flammability		✓
830.6316	Explodability		✓
830.6317	Storage stability	✓	
830.6319	Miscibility		✓
830.6320	Corrosion Characteristics	✓	
830.6321	Dielectric Breakdown voltage		✓
830.7000	pH	✓	
830.7100	Viscosity	✓	
830.7300	Density	✓	



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

August 16, 2013

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

OPP Decision Number: D-482054  
EPA File Symbol or Registration Number: 87290-UU  
Product Name: WILLOWOOD AZOXYSTROBIN 2.088C  
EPA Receipt Date: 15-Aug-2013  
EPA Company Number: 87290  
Company Name: WILLOWOOD, LLC

MICHAEL KELLOGG  
PYXIS REGULATORY CONSULTING, INC.  
WILLOWOOD, LLC  
4110 136TH ST., NW  
GIG HARBOR, WA 98332-

SUBJECT: Receipt of Registration Application Subject to Registration Service Fee

Dear Registrant:

The Office of Pesticide Programs has received your application and certification of payment. If you submitted data with this application, the results of the PRN-2011-3 screen will be communicated separately. During the administrative screen, the Office of Pesticide Programs has determined that this Action is subject to a Pesticide Registration Service Fee as defined in the Pesticide Registration Improvement Act.

The Action has been identified as Action Code: R300

NEW PRODUCT;OR SIMILAR COMBINATION PRODUCT (ALREADY REGISTERED) TO AN IDENTICAL OR SUBSTANTIALLY SIMILAR IN COMPOSITION AND USE TO A REGISTERED PRODUCT;REGISTERED SOURCE OF ACTIVE INGREDIENT;NO DATA REVIEW ON ACUTE TOXICITY, EFFICACY OR CRP - ONLY PRODUCT CHEMISTRY DATA;CITE-ALL DATA CITATION, OR SELECTIVE DATA CITATION WHERE APPLICANT OWNS ALL REQUIRED DATA, OR APPLICANT SUBMITS SPECIFIC AUTHORIZATION LETTER FROM DATA OWNER;CATEGORY ALSO INCLUDES 100% RE-PACKAGE OF REGISTERED END-USE OR MANUFACTURING-USE PRODUCT THAT REQUIRES NO DATA SUBMISSION NOR DATA MATRIX;

No additional payment is due at this time.

If you have any questions, please contact the Pesticide Registration Service Fee Ombudsman at (703) 308-9362.

Sincerely,

A handwritten signature in black ink, appearing to be "m. j. h.", written over the word "Sincerely,".

Front End Processing Staff  
Information Technology & Resources Management Division

# Fee for Service

16  
{939791M~

This package includes the following

- ☒ New Registration
- ☐ Amendment

☒ Studies? ☐ Fee Waiver?

☐ volpay % Reduction: \_\_\_\_

for Division

- ☐ AD
- ☐ BPPD
- ☒ RD

Risk Mgr. 20

Receipt No.

S-

939791

EPA File Symbol/Reg. No.

87290-UU

Pin-Punch Date:

8/15/2013

☐ This item is NOT subject to FFS action.

## Action Code:

Requested:

R300

Granted:

R300

Amount Due: \$ 1434.00

## Parent/Child Decisions:

☒ Inert Cleared for Intended Use



Uncleared Inert in Product

Reviewer: E. Faltus

Date: 8/16/13

Remarks:

# Receipt for Section 3

S: 939791

Resubmission: ☐ Yes ☒ No

Regulatory Type: Product Registration - Section 3

Fee For Service: ☒ Yes ☐ No

Application Type: New Registration

Billable: ☒ Yes ☐ No

Company: 87290 WILLOWOOD, LLC

V

Risk Manager: Registration Division, Risk Management Team 22

Product #: 87290-UU

Product Name: WILLOWOOD AZOXYSTROBIN 2.088C

Override#

Me Too

Section3: 100-1222

Me Too

Product Name: QUADRI S

Application Date: 13-Aug-2013



OPP Rec'd Date: 15-Aug-2013



Front End Date: 16-Aug-2013



Risk Manager Send Date:



FFS Due Date:

Negotiated Due Date:

OPP Target Date:

Fast Track: ☐

New Ingredient: ☐

Receipt Description:

Application for registration of new product

Form A: ☐

Signature Date:

Form B: ☐

New Ingredient

Request Date:

New Ingredient

Received Date:

Signature Date:

Print Letter

Enter More Information

Tracking

Receipt Content

Study

CSF

View/Edit

## Mike Kellogg

---

**From:** paygovadmin@mail.doc.twai.gov  
**Sent:** Tuesday, August 13, 2013 1:50 PM  
**To:** Mike Kellogg  
**Subject:** Pay.gov Payment Confirmation: PRIA Service Fees

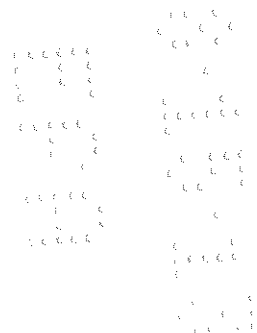
Your payment has been submitted to Pay.gov and the details are below. If you have any questions or you wish to cancel this payment, please contact Pay.gov Customer Service by phone at (800) 624-1373 or by email at [pay.gov.clev@clev.frb.org](mailto:pay.gov.clev@clev.frb.org).

Application Name: PRIA Service Fees  
Pay.gov Tracking ID: 25BV20BK  
Agency Tracking ID: 74489856373  
Transaction Type: Sale  
Transaction Date: Aug 13, 2013 4:50:24 PM

Account Holder Name: Brian Heinze  
Transaction Amount: \$1,434.00  
Billing Address: 1600 NW Garden Valley Blvd., Suite 120  
City: Roseburg  
State/Province: OR  
Zip/Postal Code: 97471  
Country: USA  
Card Type: MasterCard  
Card Number: \*\*\*\*\*3411

Decision Number:  
Registration Number: 87290-xx  
Company Name: Willowood, LLC  
Company Number: 87290  
Action Code: R300

THIS IS AN AUTOMATED MESSAGE. PLEASE DO NOT REPLY.





United States  
Environmental Protection Agency  
Washington, DC 20460

☒ Registration  
☐ Amendment  
☐ Other

OPP Identifier Number

## Application for Pesticide - Section I

1. Company/Product Number 87290-	2. EPA Product Manager D. Benmhend	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Willowood, LLC / Willowood Azoxystrobin 2.08SC	PM# 20	
5. Name and Address of Applicant (Include ZIP Code) Willowood, LLC c/o Pyxis Regulatory Consulting, Inc. 4110 136th St. NW Gig Harbor, WA 98332 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. 100-1222 Product Name Quadris S	

## Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input checked="" type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

This application falls under Category R300 (44) as it is a new product substantially similar in composition and use to a registered product, only product chemistry data are being submitted and the cite-all method of data support is being used to support product specific acute toxicity data requirements. The fee due is \$1434.00 and the decision timeline is 4 months. A receipt of PRIA pre-payment from pay.gov is included with this application. Should you have any questions, please contact me at (email) Mike@PyxisRC.com or (phone) 253-853-7369.

## Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 1, 2.5, 30, 250 gallons		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph Paper glued Stenciled			<input type="checkbox"/> Other _____		

## Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Michael Kellogg	Title Agent	Telephone No. (Include Area Code) (253) 853-7369
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received  (Stamped)
2. Signature 	3. Title Agent	
4. Typed Name Michael Kellogg	5. Date 8/13/13	

280



PYXIS REGULATORY CONSULTING, INC.

4110 136<sup>th</sup> St. NW  
Gig Harbor, WA 98332

Phone: 253-853-7369  
Fax: 253-853-5516  
www.PyxisRC.com

August 13, 2013

COURIER DELIVERY

Driss Benmhend (PM 20)  
Document Processing Desk (REGFEE)  
Office of Pesticide Programs (7504P)  
U.S. Environmental Protection Agency  
Room S-4900, One Potomac Yard  
2777 S. Crystal Drive  
Arlington, VA 22202-4501

RE: Willowood, LLC – Willowood Azoxystrobin 2.08SC (EPA Reg. No. 87290- )  
Application for New Pesticide Registration

Dear Mr. Benmhend,

On behalf of Willowood, LLC please find the enclosed application for registration of Willowood Azoxystrobin 2.08SC, an end-use product containing azoxystrobin as the active ingredient. In support of this application, we submit the following documents:

1. Application for Registration (EPA Form 8570-1)
2. Receipt of PRIA pre-payment from pay.gov
3. Confidential Statement of Formula (Basic Formulation dated August 13, 2013)
4. Formulators Exemption Statement (EPA Form 8570-27)
5. Five (5) copies of the proposed labeling
6. Certification with Respect to Label Integrity
7. Electronic copy of the Willowood Azoxystrobin 2.08SC label on CD
8. Certification with Respect to Citation of Data (EPA Form 8570-34)
9. Agency Internal Use Copy of the Data Matrix (EPA Form 8570-35)
10. Public File Copy of the Data Matrix (EPA Form 8570-35)
11. Letter of Authorization
12. Product Specific Data:

Volume 1	830.1550, 830.1600, 830.1650, 830.1670, 830.1750, 830.1800	Kellogg, M. Product Identity and Composition, Description of the Materials Used, Description of the Formulation Process, Discussion of the Formation of Impurities, Certified Limits, and Analytical Methods to Verify Certified Limits for Willowood Azoxystrobin 2.08SC.
Volume 2	830.6302, 830.6303, 830.6304, 830.6314, 830.7000, 830.7100, 830.7300	Leopard, B. Final Report for: Physical and Chemical Characteristics of Willowood Azoxystrobin 2.08SC.
Volume 3	830.6317, 830.6320	Miller, R. Final Report for: Storage Stability and Corrosion Characteristics of Willowood Azoxystrobin 2.08SC.
Volume 4	830.6313, 830.6315, 830.6316, 830.6319,	Kellogg, M. Waiver Request for Certain Data Requirements for Willowood Azoxystrobin 2.08SC.

	830.6321, 830.7050, 830.7200, 830.7220, 830.7370, 830.7520, 830.7550-830.7570, 830.7840-830.7860, 830.7950	
--	---	--

Willowood, LLC believes its product, Willowood Azoxystrobin 2.08SC, is substantially similar to a currently registered product (EPA Reg. No. 100-1222). **Willowood has incorporated label language from both EPA Reg. No. 100-1222 and EPA Reg. No. 100-1098 into the Willowood Azoxystrobin 2.08SC label.**

Willowood, LLC believes this application falls under Category R300 (44) since Willowood Azoxystrobin 2.08SC is a new product, substantially similar in composition and use to a registered product, only product chemistry data are being submitted to support the application for registration and the cite-all option under the selective method is being used to support product specific acute toxicity data requirements. In addition, the technical source of active ingredient is based on a registered source of supply and therefore, Willowood Azoxystrobin 2.08SC qualifies for Formulators Exemption for azoxystrobin generic data requirements.

We trust you will find this application complete and in compliance with the requirements for registration under FIFRA. Please feel free to call me if you have any questions or need any additional information.

Sincerely,



Michael Kellogg

Enclosures

cc: B. Heinze; Willowood, LLC



United States  
**Environmental Protection Agency**  
 Washington, DC 20460  
**Formulator's Exemption Statement**  
*(40 CFR 152.85)*

Applicant's Name and Address <b>Willowood, LLC</b> <b>1600 NW Garden Valley Blvd., Suite 120</b> <b>Roseburg, OR 97471</b>	EPA File Symbol/Registration Number <b>87290-</b>
	Product Name <b>Willowood Azoxystrobin 2.08SC</b>
	Date of Confidential Statement of Formula (EPA Form 8570-4) <b>08/13/2013</b>

As an authorized representative of the applicant for registration of the product identified above, I certify that:

- (1) This product contains the following active ingredient(s):

**Azoxystrobin**

- (2) Of these, each active ingredient listed in paragraph (4) is present solely as the result of the use of that active ingredient in the manufacturing, formulation or repackaging another product which contains that active ingredient which is registered under FIFRA Section 3, is purchased by us from another person and meets the requirements of 40 CFR section 158.50(e)(2) or (3).

- (3) Indicate by checking (A) or (B) below which paragraph applies:

- ☒ (A) An accurate Confidential Statement of Formula (EPA FORM 8570-4) for the above identified product is attached to this statement. That formula statement indicates, by company name, registration number, and product name, the source of the active ingredient(s) listed in paragraph (1).

OR

- ☐ (B) The Confidential Statement of Formula (CSF)(EPA Form 8570-4) referenced above and on file with the EPA is complete, current, an accurate and contains the information required on the current CSF.

- (4) The following active ingredients in this product qualify for the formulator's exemption.

**Source**

Active Ingredient	Product Name	Registration Number
<b>Azoxystrobin</b>	<div style="background-color: black; width: 100%; height: 50px;"></div>	<div style="background-color: black; width: 100%; height: 50px;"></div>
Signature 	Name and Title <b>Michael Kellogg / Agent</b>	Date <b>8/13/13</b>

EPA Form 8570-27 (Rev. 06-2004)

Copy 1 - EPA  
 Copy 2 - Applicant copy

\*Product ingredient source information may be entitled to confidential treatment\*



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**  
**401 M Street, S.W.**  
**WASHINGTON, D.C. 20460**

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 1.25 hours per response for registration and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the completed form to this address.

**Certification with Respect to Citation of Data**

Applicant's/Registrant's Name, Address, and Telephone Number Willowood, LLC c/o Pyxis Regulatory Consulting, Inc.; 4110 136th St. NW Gig Harbor, WA 98332, [253] 853-7369	EPA Registration Number/File Symbol 87290-
Active Ingredient(s) and/or representative test compound(s) Azoxystrobin	Date August 13, 2013
General Use Pattern(s) (list all those claimed for this product using 40 CFR Part 158) Terrestrial Food/Nonfood	Product Name Willowood Azoxystrobin 2.08SC

**NOTE:** If your product is a 100% repackaging of another purchased EPA-registered product labeled for all the same uses on your label, you do not need to submit this form. You must submit the Formulator's Exemption Statement (EPA Form 8570-27).

☐ I am responding to a Data-Call-In Notice, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).

**SECTION I: METHOD OF DATA SUPPORT** (Check one method only)

<input type="checkbox"/> I am using the cite-all method of support, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).	<input checked="" type="checkbox"/> I am using the selective method of support (or cite-all option under the selective method), and have included with this form a completed list of data requirements (the Data Matrix form must be used).
--	---

**SECTION II: GENERAL OFFER TO PAY**

[Required if using the cite-all method or when using the cite-all option under the selective method to satisfy one or more data requirements]

☒ I hereby offer and agree to pay compensation, to other persons, with regard to the approval of this application, to the extent required by FIFRA.

**SECTION III: CERTIFICATION**

I certify that this application for registration, this form for reregistration, or this Data-Call-In response is supported by all data submitted or cited in the application for registration, the form for reregistration, or the Data-Call-In response. In addition, if the cite-all option or cite-all option under the selective method is indicated in Section I, this application is supported by all data in the Agency's files that (1) concern the properties or effects of this product or an identical or substantially similar product, or one or more of the ingredients in this product; and (2) is a type of data that would be required to be submitted under the data requirements in effect on the date of approval of this application if the application sought the initial registration of a product of identical or similar composition and uses.

I certify that for each exclusive use study cited in support of this registration or reregistration, that I am the original data submitter or that I have obtained the written permission of the original data submitter to cite that study.

I certify that for each study cited in support of this registration or reregistration that is not an exclusive use study, either: (a) I am the original data submitter; (b) I have obtained the permission of the original data submitter to use the study in support of this application; (c) all periods of eligibility for compensation have expired for the study; (d) the study is in the public literature; or (e) I have notified in writing the company that submitted the study and have offered (i) to pay compensation to the extent required by sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA; and (ii) to commence negotiations to determine the amount and terms of compensation, if any, to be paid for the use of the study.

I certify that in all instances where an offer of compensation is required, copies of all offers to pay compensation and evidence of their delivery in accordance with sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA are available and will be submitted to the Agency upon request. Should I fail to produce such evidence to the Agency upon request, I understand that the Agency may initiate action to deny, cancel or suspend the registration of my product in conformity with FIFRA.

I certify that the statements I have made on this form and all attachments to it are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.


Signature 	Date 8/13/13	Typed or Printed Name and Title Michael Kellogg; Agent
---------------	-----------------	---

## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street, S.W.  
WASHINGTON, D.C. 20460

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

## DATA MATRIX

Date August 13, 2013			EPA Reg No./File Symbol 87290-		Page 1 of 5
Applicant's/Registrant's Name & Address Willowood, LLC 1600 NW Garden Valley Blvd., Suite 120 Roseburg, OR 97471			Product Willowood Azoxystrobin 2.08SC		
Ingredient Azoxystrobin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
<b>Product Specific Data Requirements</b>					
830.1550	Product Identity and Composition	Volume 1	Willowood, LLC	OWN	
830.1600	Description of Materials Used to Produce the Product	Volume 1	Willowood, LLC	OWN	
830.1620	Description of Production Process				Not required <sup>1</sup>
830.1650	Description of Formulation Process	Volume 1	Willowood, LLC	OWN	
830.1670	Discussion of Formation of Impurities	Volume 1	Willowood, LLC	OWN	
830.1700	Preliminary Analysis				Not required <sup>2</sup>
830.1750	Certified Limits	Volume 1	Willowood, LLC	OWN	
830.1800	Enforcement Analytical Method	Volume 1	Willowood, LLC	OWN	
830.6302	Color	Volume 2	Willowood, LLC	OWN	
830.6303	Physical State	Volume 2	Willowood, LLC	OWN	
830.6304	Order	Volume 2	Willowood, LLC	OWN	
830.6313	Stability to Normal and Elevated Temperatures, Metals, and Metal Ions				Not required <sup>3</sup>
830.6314	Oxidation/Reduction: Chemical Incompatibility	Volume 2	Willowood, LLC	OWN	
830.6315	Flammability				Not required <sup>4</sup>
830.6316	Explosibility				Not required <sup>5</sup>
Signature 			Name and Title Michael Kellogg, Consultant		Date 8/13/13


## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street, S.W.

WASHINGTON, D.C. 20460

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

## DATA MATRIX


Date August 13, 2013			EPA Reg No./File Symbol 87290-		Page 2 of 5
Applicant's/Registrant's Name & Address Willowood, LLC 1600 NW Garden Valley Blvd., Suite 120 Roseburg, OR 97471			Product Willowood Azoxystrobin 2.08SC		
Ingredient Azoxystrobin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6317	Storage Stability	Volume 3	Willowood, LLC	OWN	
830.6319	Miscibility				Not required <sup>6</sup>
830.6320	Corrosion Characteristics	Volume 3	Willowood, LLC	OWN	
830.6321	Dielectric Breakdown Voltage				Not required <sup>7</sup>
830.7000	pH	Volume 2	Willowood, LLC	OWN	
830.7050	UV/Visible Absorption				Not required <sup>3</sup>
830.7100	Viscosity	Volume 2	Willowood, LLC	OWN	
830.7200	Melting Point/Melting Range				Not required <sup>3</sup>
830.7220	Boiling Point/Boiling Range				Not required <sup>3</sup>
830.7300	Density/Relative Density/Bulk Density	Volume 2	Willowood, LLC	OWN	
830.7370	Dissociation Constants in Water				Not required <sup>3</sup>
830.7520	Particle size, fiber length, diameter distribution				Not required <sup>8</sup>
830.7550	Partition Coefficient (n-octanol/water), Shake Flask Method				Not required <sup>3</sup>
830.7560	Partition Coefficient (n-octanol/water), Generator Column Method				Not required <sup>3</sup>
830.7570	Partition Coefficient (n-octanol/water), Estimation by Liquid Chromatography				Not required <sup>3</sup>
Signature 			Name and Title Michael Kellogg, Consultant		Date 8/13/13

## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street, S.W.  
WASHINGTON, D.C. 20460

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

## DATA MATRIX

Date <b>August 13, 2013</b>			EPA Reg No./File Symbol <b>87290-</b>		Page <b>3</b> of 5
Applicant's/Registrant's Name & Address  Willowood, LLC 1600 NW Garden Valley Blvd., Suite 120 Roseburg, OR 97471			Product  Willowood Azoxystrobin 2.08SC		
Ingredient <b>Azoxystrobin</b>					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7840	Water Solubility: Column Elution Method; Shake Flask Method				Not required <sup>3</sup>
830.7860	Water Solubility, Generator Column Method				Not required <sup>3</sup>
830.7950	Vapor Pressure				Not required <sup>3</sup>
870.1100	Acute Oral Toxicity: Rat	Cite-All		PAY	
870.1200	Acute Dermal Toxicity: Rat	Cite-All		PAY	
870.1300	Acute Inhalation Toxicity: Rat	Cite-All		PAY	
870.2400	Primary Eye Irritation: Rabbit	Cite-All		PAY	
870.2500	Primary Dermal Irritation	Cite-All		PAY	
870.2600	Dermal Sensitization	Cite-All		PAY	
Signature 			Name and Title Michael Kellogg, Consultant		Date 8/13/13


## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street, S.W.

WASHINGTON, D.C. 20460

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

## DATA MATRIX

Date <b>August 13, 2013</b>		EPA Reg No./File Symbol <b>87290-</b>		Page <b>4</b> of 5	
Applicant's/Registrant's Name & Address  Willowood, LLC 1600 NW Garden Valley Blvd., Suite 120 Roseburg, OR 97471		Product  Willowood Azoxystrobin 2.08SC			
Ingredient <b>Azoxystrobin</b>					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
<b>Willowood Azoxystrobin 2.08SC Product Specific Data Requirements</b>					
Willowood, LLC is using the cite-all option under the selective method to satisfy acute toxicity data requirements. Willowood, LLC has made offers-to-pay to the following companies on the April 8, 2013 Data Submitters List for azoxystrobin.					
<b>Azoxystrobin Product Specific Data Requirements</b>					
Azoxystrobin Product Specific Data Requirements	Cite-All		Syngenta Crop Protection, LLC	PAY	
Azoxystrobin Product Specific Data Requirements	Cite-All		Gustafson LLC	PAY	
Azoxystrobin Product Specific Data Requirements	Cite-All		Loveland Products, Inc.	PAY	
Azoxystrobin Product Specific Data Requirements	Cite-All		Tessenderlo Kerley, Inc.	PAY	
Azoxystrobin Product Specific Data Requirements	Cite-All		Makhteshim Agan of North America, Inc.	PAY	
Azoxystrobin Product Specific Data Requirements	Cite-All		Spray Drift Task Force	OWN	See endnote <sup>9</sup>
Azoxystrobin Product Specific Data Requirements	Cite-All		Outdoor Residential Exposure Task Force	OWN	See endnote <sup>9</sup>
Signature 			Name and Title Michael Kellogg, Consultant		Date 8/13/13




## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street, S.W.  
WASHINGTON, D.C. 20460

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

## DATA MATRIX

Date August 13, 2013			EPA Reg No./File Symbol 87290-		Page 5 of 5
Applicant's/Registrant's Name & Address Willowood, LLC 1600 NW Garden Valley Blvd., Suite 120 Roseburg, OR 97471			Product Willowood Azoxystrobin 2.08SC		
Ingredient Azoxystrobin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
Azoxystrobin Product Specific Data Requirements	Cite-All		Agricultural Reentry Task Force	OWN	See endnote <sup>9</sup>
Azoxystrobin Product Specific Data Requirements	Cite-All		FIFRA Endangered Species Task Force, LLC	PAY	
Azoxystrobin Product Specific Data Requirements	Cite-All		Agricultural Handlers Exposure Task Force	OWN	See endnote <sup>9</sup>
Azoxystrobin Generic Data Requirements					
Willowood Azoxystrobin 2.08SC qualifies for Formulator's Exemption for azoxystrobin generic data requirements.					
Signature 			Name and Title Michael Kellogg, Consultant		Date 8/13/13

- <sup>1</sup> **830.1620** - Per OPPTS 830.1000, these data are not required for the registration of an end-use product. See 830.1650 for formulation process information.
- <sup>2</sup> **830.1700** – This product does not consist solely of the technical grade active ingredient (TGAi) and is not produced by an integrated system, therefore, per OPPTS 830.1700, these data are not required.
- <sup>3</sup> **830.6313, 830.7050, 830.7200, 830.7220, 830.7370, 830.7550, 830.7560, 830.7570, 830.7840, 830.7860 and 830.7950** – Per OPPTS 830.1000, these data are not required for the registration of an end-use product.
- <sup>4</sup> **830.6315** – Willowood Azoxystrobin 2.08SC contains no flammable ingredients, therefore these data are not required.
- <sup>5</sup> **830.6316** – This product does not have explosive characteristics; therefore these data are not required. Please refer to the Confidential Statement of Formula for additional information on the composition of Willowood Azoxystrobin 2.08SC.
- <sup>6</sup> **830.6319** – Willowood Azoxystrobin 2.08SC is water-based and not an emulsifiable concentrate. In addition, the proposed labeling recommends dilution with water, not oil; therefore, these data are not required.
- <sup>7</sup> **830.6321** – This product is not proposed for use around electrical equipment. Therefore, these data are not applicable nor are these data required.
- <sup>8</sup> **830.7520** - These data are not required for Willowood Azoxystrobin 2.08SC because it is not water insoluble and is not a fibrous material.
- <sup>9</sup> Willowood, LLC is a member in good standing with this task force.

Figure 1 consists of 18 small diagrams, labeled (a) through (r), each showing a different graph structure. (a) is a simple path graph with 4 vertices and 3 edges. (b) is a cycle graph with 4 vertices and 4 edges. (c) is a star graph with 4 vertices and 3 edges. (d) is a complete graph with 4 vertices and 6 edges. (e) through (r) show various other graph configurations, including paths, cycles, stars, and complete graphs, with different numbers of vertices and edges. Some graphs have additional labels like 'a', 'b', 'c', 'd', 'e', 'f', 'g', 'h', 'i', 'j', 'k', 'l', 'm', 'n', 'o', 'p', 'q', 'r'.

## Willowood, LLC

8690 Lookingglass Road  
Roseburg, Oregon 97471  
541.679.9963 Office  
541.679.4650 Fax

February 10, 2010

To Whom It May Concern:

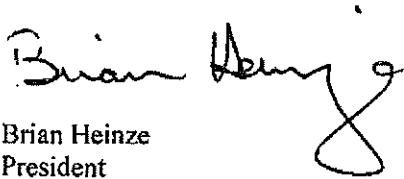
RE: Letter of Authorization

Dear Sir or Madam:

Please let this letter serve to confirm that Janelle Kay and Michael Kellogg of Pyxis Regulatory Consulting, Inc. are authorized to act as agent for Willowood, LLC (EPA Company Number 87290), before the U.S. Environmental Protection Agency, California Department of Pesticide Regulation Pesticide Registration Branch and other state governmental agencies in all matters regarding our pesticide registrations pursuant to the Federal Insecticide, Fungicide and Rodenticide Act ("FIFRA"), 7 U.S.C. § 136 et seq. and state law.

If you have any questions, please do not hesitate to contact me.

Sincerely,



Brian Heinze  
President  
Willowood, LLC

cc: Pyxis Regulatory Consulting, Inc.

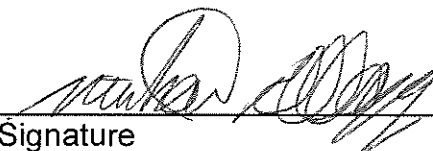
# Certification with Respect to Label Integrity

version: 9/11/02

I certify that the information (including, but not limited to, text, tables, and graphics) contained in the electronic file identified below by file name and submitted with this certification is the same information as that on the paper copies of these documents included with this submission.

PROPOSED LABEL		
EPA Registration #	Date Submitted to EPA	Electronic file name
87290-xx	August 13, 2013	087290-xxxxxx.20130813.Willowood Azoxystrobin 2.08SC label.pdf

I certify that the statements that I have made on this form are true, accurate, and complete. I acknowledge that any knowingly false or misleading statements may be punishable by fine or imprisonment or both under applicable law.

  
Signature

8/13/13  
Date

Michael Kellogg

Name (typed)

Agent

Title

U.S. DEPARTMENT OF AGRICULTURE  
NATIONAL AGRICULTURAL STATISTICS SERVICE  
WASHINGTON, D.C. 20250-9802  
TEL: (202) 703-7000  
WWW.NASS.USDA.GOV  
NASS-2013-08-13-087290-XXXXXX-20130813-WILLOWOOD AZOXYSTROBIN 2.08SC LABEL.PDF

## There is an **ELECTRONIC LABEL** for this action

You can use Acrobat to compare the e-label to the previous version (and find the changes). You can also use Acrobat to mark-up the e-label with your comments.

If e-label was submitted via

**CD-ROM with paper application**

then you will find e-label in

**Electronic Label Library**

*If the e-label is not found in the ELL then it was probably not named correctly and could not be entered into the ELL. However, the file can be retrieved from the CD which is retained by the Front End.*

or

If e-label was submitted via

**XML E-Submission (no paper)**

then you will find e-label in

**Documentum**

See overview of processing e-labels on other side of this sheet.

If you have any questions on e-labels, please contact one of your division e-label experts:

AD	Willie Abney	308-1689
	Renae Whitaker	308-7003
	Tracy Lantz	308-6415
BPPD		
RD	Tom Harris	308-9423

# Willowood Azoxystrobin 2.08SC

Broad spectrum fungicide for control of plant diseases and for control of listed post-harvest diseases in banana and citrus and control of listed diseases on labeled turf sites.

**ACTIVE INGREDIENT:**

Azoxystrobin: methyl (*E*)-2-[2-[6-(2-cyanophenoxy)pyrimidin-4-yloxy]phenyl]-3-methoxyacrylate\* .....22.9%

**OTHER INGREDIENTS:** .....77.1%

**TOTAL:** ..... 100.0%

Contains 2.08 lb. a.i. of active ingredient per gallon.

\*IUPAC

## KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID	
<b>If swallowed:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If skin or clothing:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency information concerning this product, call the National Pesticides Information Center (NPIC) at 1-800-858-7378 seven days a week, 6:30 am to 4:30 pm Pacific Time or your poison control center at 1-800-222-1222.	

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if swallowed. Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing.

EPA Reg. No. 87290-xx

Manufactured for:  
Willowood, LLC  
1600 NW Garden Valley Blvd. #120  
Roseburg, OR 97471

EPA Est. No.

Net Contents:

## PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemically resistant to this product are listed below. If you want more options, follow the instructions for category A on an EPA chemical resistance category selection chart.

### Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material such as polyvinyl chloride, nitrile rubber or butyl rubber
- Shoes plus socks

## USER SAFETY REQUIREMENTS

Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

## ENGINEERING CONTROLS

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240 (d) (4-6)), the handler PPE requirements may be reduced or modified as specified in the WPS.

**IMPORTANT:** When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for "applicators and other handlers" and have such PPE immediately available for use in an emergency, such as a spill or equipment breakdown.

## USER SAFETY RECOMMENDATIONS

### Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Wash thoroughly with soap and water after handling.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

## ENVIRONMENTAL HAZARDS

The active ingredient, azoxystrobin, in this product can be persistent for several months or longer. Azoxystrobin has degradation products which have properties similar to chemicals which are known to leach through soil to ground water under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow may result in ground water contamination.

This pesticide is toxic to freshwater and estuarine/marine fish and aquatic invertebrates. Do not apply directly to water except as specified on this label. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwater or rinsate.

Notify State and/or Federal authorities and Willowood, LLC immediately if you observe any adverse environmental effects due to use of this product.

## DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Failure to follow the use directions and precautions on this label may result in plant injury or poor disease control.

Use of this product through airblast application equipment on grapes is prohibited in the following townships and boroughs of Erie County, Pennsylvania:

North East, Harborcreek, Lawrence Park, Erie, Presque Isle, Millcreek, Fairview, Girard and Springfield

This prohibition is intended to help eliminate phytotoxicity problems with apples observed in this geographic location.

**FAILURE TO FOLLOW THE USE DIRECTIONS AND PRECAUTIONS ON THIS LABEL MAY RESULT IN PLANT INJURY OR POOR DISEASE CONTROL.**

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

**AGRICULTURAL USES**

Commercial turf farm use (Not for use in California).

**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Chemical-resistant gloves made of any waterproof material such as polyvinyl chloride, nitrile rubber or butyl rubber
- Shoes plus socks

**NON-AGRICULTURAL USES**

Golf Courses (Not for use in California).

For use to control diseases on turf on golf courses, lawns and landscape areas around residential, institutional, public, commercial and industrial buildings, parks, recreational areas and athletic fields.

**NON-AGRICULTURAL USE REQUIREMENTS**

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. The area being treated must be vacated by unprotected persons.

Do not treat areas while unprotected humans or domestic animals are present in the treatment areas. Because certain states may require more restrictive reentry intervals, consult your State Department of Agriculture for further information.

Do not allow entry into treatment area until area that was treated with this product is dry.

**PRODUCT INFORMATION**

Willowood Azoxystrobin 2.08SC is a broad spectrum, preventative fungicide with systemic and curative properties recommended for the control of many important plant diseases. Willowood Azoxystrobin 2.08SC may be applied as a foliar spray in alternating spray programs or in tank mixes with other



registered crop protection products. All applications must be made according to the use directions that follow.

### RESTRICTIONS

Do not graze or feed clippings from treated turf areas to animals.

Do not use for disease control in food crops grown in greenhouses. Use for disease control in greenhouses for non-agricultural uses on grass, turf or ornamental plants (listed on this label) are permitted.

DO NOT spray Willowood Azoxystrobin 2.08SC where spray drift may reach apple trees.

DO NOT spray when conditions favor drift beyond area intended for application. Conditions which may contribute to drift include thermal inversion, wind speed and direction, sprayer nozzle/pressure combinations, spray droplet size, etc. Contact your State extension agent for spray drift prevention guidelines in your area.

DO NOT use spray equipment which has been previously used to apply Willowood Azoxystrobin 2.08SC to spray apple trees. Even trace amounts can cause unacceptable phytotoxicity to certain apple and crabapple varieties.

### PRECAUTIONS

Willowood Azoxystrobin 2.08SC is extremely phytotoxic to certain apple varieties.

AVOID SPRAY DRIFT. Extreme care must be used to prevent injury to apple trees (and apple fruit).

AVOIDING SPRAY DRIFT IS THE RESPONSIBILITY OF THE APPLICATOR.

Willowood Azoxystrobin 2.08SC may demonstrate some phytotoxic effects when mixed with products that are formulated as EC's. These effects are enhanced if applications are made under cool, cloudy conditions and these conditions remain for several days following application. In addition, adjuvants that contain some form of silicone have also contributed to phytotoxicity.

### USE INSTRUCTIONS

**Application:** Thorough coverage is necessary to provide good disease control. Make no more spray solution than is needed for application. Avoid spray overlap, as crop injury may occur.

**Adjuvants:** When an adjuvant is to be used with this product, the use of an adjuvant that meets the standards of the Chemical Producers and Distributors Association (CPDA) adjuvant certification is recommended.

**Efficacy:** Under certain conditions conducive to extended infection periods, use another registered fungicide for additional applications if maximum amount of Willowood Azoxystrobin 2.08SC has been used. If resistant isolates to Group 11 fungicides are present, efficacy can be reduced for certain diseases. The higher rates in the rate range and/or shorter spray intervals may be required under certain conditions of heavy infection pressure, with highly susceptible varieties, or when environmental conditions are conducive to disease.

### INTEGRATED PEST (DISEASE) MANAGEMENT

Willowood Azoxystrobin 2.08SC should be integrated into an overall disease and pest management strategy whenever the use of a fungicide is required. Cultural practices known to reduce disease development should be followed. This should include selection of varieties with disease tolerance, removal of plant debris in which inoculum overwinters, and proper timing and placement of irrigation. Consult your local agricultural authorities for additional IPM strategies established for your area. Willowood Azoxystrobin 2.08SC may be used in State Agricultural Extension advisory (disease forecasting) programs which recommend application timing based on environmental factors favorable for disease development.

**Crop Tolerance:** Plant tolerance has been found to be acceptable for all crops on the label, however, not all possible tank-mix combinations have been tested under all conditions. When possible, it is

recommended to test the combinations on a small portion of the crop to ensure that a phytotoxic response will not occur as a result of application. See the PRECAUTIONS section for apple phytotoxicity information.

## RESISTANCE MANAGEMENT

GROUP	<b>11</b>	FUNGICIDE
-------	-----------	-----------

Willowood Azoxystrobin 2.08SC (azoxystrobin) is a Group 11 fungicide. The mode of action for Willowood Azoxystrobin 2.08SC is the inhibition of the Qol (quinone outside) site within the electron transport system [Group 11]. Fungal pathogens can develop resistance to products with the same mode of action when used repeatedly. Because resistance develop cannot be predicted, use of this product should conform to resistance management strategies established for the crop and use area. Consult your local or State agricultural authorities for resistance management strategies that are complementary to those in this label. Resistance management strategies may include alternating and/or tank-mixing with products having different modes of action or limiting the total number of applications per season. Syngenta encourages responsible resistance management to ensure effective long-term control of the fungal diseases on this label.

Follow the crop specific resistance management recommendations in the directions for use.

If no resistance recommendation on number of applications is specified in the directions for use, follow the recommendations in the table below.

If planned total number of fungicide applications per crop is:	1	2	3	4	5	6	7	8	9	10	11	12
<b>Recommended Solo Qol fungicide sprays</b>	1	1	2	2	2	2	2	3	3	3	3	4
<b>Recommended Qol fungicide sprays in mixture (tank-mix formulated)</b>	1	2	2	2	2	3	3	4	4	5	5	6

In situations requiring multiple sprays, develop season long spray programs for Group 11 (Qol) fungicides. In crops where two sequential Group 11 fungicide applications are made, they should be alternated with two or more applications of a fungicide that is not in Group 11. If more than 12 applications are made, observe the following guidelines:

- When using Qol fungicide as a solo product, the number of applications must be no more than 1/3 (33%) of the total number of fungicide applications per season.
- For Qol mixes in programs in which tank mixes or pre mixes of Qol with mixing partners of a different mode of action are utilized, the number of Qol containing applications must be no more than 1/2 (50%) of the total number of fungicide applications per season.
- In programs in which applications of Qol are made with both solo products and mixtures, the number of Qol containing applications must be no more than 1/2 (50%) of the total number of fungicide applications per season.

If Group 11 fungicide is applied to the seed or soil, do not make another application with a Group 11 fungicide for at least 3 weeks.

### Rotational Crop Restrictions

The following crops may be planted at the specified interval following application of this product.

#### Crop Rotational Interval

	<b>Plant Back Interval</b>
Buckwheat, millet	12 months
All other crops with Azoxystrobin registered uses	0 days

## SOILBORNE/SEEDLING DISEASE CONTROL

For those crops that have specific use directions for soilborne disease control: Willowood Azoxystrobin 2.08SC can provide control of many soilborne diseases if applied early in the growing season. Specific applications for soilborne diseases include in-furrow applications and banded applications applied over the row, either shortly after plant emergence or during herbicide applications or cultivation. These applications will provide control of pre- or postemergence damping off and diseases that infect plants at the soil-plant interface.

The use of either type of application depends on the cultural practices in the region. In some locations, one type of application may provide better disease control than the other, depending on the timing of the disease epidemic. Seedling diseases are generally controlled by in-furrow applications while banded applications are more effective against soilborne diseases that develop later in the season. Consult your local expert to get some guidance regarding application type.

Under cool, wet conditions, crop injury from soil directed applications can occur.

### BANDED

- Apply Willowood Azoxystrobin 2.08SC prior to infection as a directed spray to the soil, using single or multiple nozzles, adjusted to provide thorough coverage of the lower stems and the soil surface surrounding the plants.
- Band width should be limited to 7 inches or less.
- Apply Willowood Azoxystrobin 2.08SC at a rate of 0.40-0.80 fl. oz. product (0.10-0.20 oz. a.i.)/1000 row feet. For banded applications on 22-inch rows, the maximum application rate is 0.70 fl. oz./1000 row feet.
- These applications come into contact with the foliage and are counted as foliar applications when considering resistance management.
- They may be applied during cultivation or hilling operations to provide soil incorporation.

### IN-FURROW

- Apply Willowood Azoxystrobin 2.08SC as an in-furrow spray in 3-15 gallons of water at planting.
- Mount the spray nozzle so the spray is directed into the furrow just before the seeds are covered.
- Use the higher rate when the weather conditions are expected to be conducive for disease development, if the field has a history of Pythium problems, or if minimum/low till programs are in place.

### IN-FURROW APPLICATION RATES

RATE PER 1000 ROW FEET		PRODUCT PER ACRE (fl. oz.)						
Fl. oz. product	Oz. a.i.	22" Rows	30" Rows	32" Rows	34" Rows	36" Rows	38" Rows	40" Rows
0.40	0.10	9.5	7.0	6.5	6.1	5.8	5.5	5.2
0.60	0.15	14.3	10.5	9.8	9.2	8.7	8.3	7.8
0.80	0.20	19.0	14.0	13.0	12.2	11.6	11.0	10.4

22" = 23,760 row ft., 30" = 17,424 row ft., 32" = 16,315 row ft., 34" = 15,374 row ft., 36" = 14,520 row ft., 38" = 13,754 row ft., and 40" = 13,068 row ft./Acre

### DRIP

Refer to the **Application Instructions Through Irrigation System** section.

### SPRAY DRIFT MANAGEMENT

To avoid spray drift, do not apply when conditions favor drift beyond the target area. The interaction of many equipment and weather related factors determine the potential for spray drift. AVOIDING SPRAY DRIFT AT THE APPLICATION SITE IS THE RESPONSIBILITY OF THE APPLICATOR AND THE GROWER.

### ATTENTION

Willowood Azoxystrobin 2.08SC is extremely phytotoxic to certain apple varieties.

AVOID SPRAY DRIFT. Extreme care must be used to prevent injury to apple trees (and apple fruit).

DO NOT spray Willowood Azoxystrobin 2.08SC where spray drift may reach apple trees.

DO NOT spray when conditions favor drift beyond area intended for application. Conditions which may contribute to drift include thermal inversion, wind speed and direction, sprayer nozzle/pressure combinations, spray droplet size, etc. Contact your State extension agent for spray drift prevention guidelines in your area.

DO NOT use spray equipment which has been previously used to apply Willowood Azoxystrobin 2.08SC to spray apple trees. Even trace amounts can cause unacceptable phytotoxicity to certain apple and crabapple varieties.

AVOIDING SPRAY DRIFT IS THE RESPONSIBILITY OF THE APPLICATOR.

Do not apply when weather conditions favor drift from treated areas to non-target aquatic habitat.

### **MIXING AND APPLICATION METHODS**

#### **Spray Equipment**

Willowood Azoxystrobin 2.08SC may be applied with all types of spray equipment commonly used for making ground and aerial applications. Proper adjustments and calibration of spraying equipment to give good canopy penetration and coverage is essential for good disease control.

#### **Nozzles**

- Equip sprayers with nozzles that provide accurate and uniform application.
- Nozzles should be the same size and uniformly spaced across the boom.
- Calibrate sprayer before use.
- It is suggested that screens be used to protect the pump and to prevent nozzles from clogging.
- Screens placed on the suction side of the pump should be 16-mesh or coarser.
- Do not place a screen in the recirculation line.
- Use 50-mesh or coarser screens between the pump and boom, and where required, at the nozzles.
- Check nozzle manufacturer's recommendations.

#### **Pump**

- Use a pump with capacity to:
  - (1) Maintain 35-40 psi at nozzles
  - (2) Provide sufficient agitation in tank to keep mixture in suspension – this requires recirculation of 10% of tank volume per minute.
- Use a jet agitator or liquid sparge tube for agitation.
- Do not air sparge.

For more information on spray equipment and calibration, consult sprayer manufacturers and state recommendations. For specific local directions and spray schedules, consult the current state agricultural recommendations.

#### **Mixing Instructions**

- Willowood Azoxystrobin 2.08SC is a suspension concentrate (SC) formulation.
- Prepare no more spray mixture than is required for the immediate operation.
- Thoroughly clean spray equipment before using this product.
- Agitate the spray solution before and during application.
- Rinse spray tank thoroughly with clean water after each day's use and dispose of pesticide rinsate by application to an already treated area.

#### **Willowood Azoxystrobin 2.08SC Alone (No Tank Mix)**

- Add 1/2 - 2/3 of the required amount of water to the spray or mixing tank.
- With the agitator running, add Willowood Azoxystrobin 2.08SC to the tank.
- Continue agitation while adding the remainder of the water.

- Begin application of the spray solution after Willowood Azoxystrobin 2.08SC has completely dispersed into the mix water.
- Maintain agitation until all of the mixture has been sprayed.

**Willowood Azoxystrobin 2.08SC + Tank Mixtures:** Willowood Azoxystrobin 2.08SC is usually compatible with all tank-mix partners listed on this label. To determine the physical compatibility of Willowood Azoxystrobin 2.08SC with other products, use a jar test. Using a quart jar, add the proportionate amounts of the products to 1 qt. of water. Add wettable powders and water dispersible granular products first, then liquid flowables, and emulsifiable concentrates last. After thoroughly mixing, let stand for at least 5 minutes. If the combination remains mixed or can be remixed readily, it is physically compatible. Once compatibility has been proven, use the same procedure for adding required ingredients to the spray tank.

Willowood Azoxystrobin 2.08SC has demonstrated some phytotoxic effects when mixed with products that are formulated as emulsifiable concentrates (EC). These effects are enhanced if applications are made under cool, cloudy conditions and these conditions remain for several days following application. In addition, adjuvants that contain some form of silicone have also contributed to phytotoxicity.

#### **Mixing in the Spray Tank**

- Add 1/2 - 2/3 of the required amount of water to the spray or mixing tank.
- With the agitator running, add the tank-mix partner(s) into the tank in the same order as described above.
- Allow the material to completely dissolve and disperse into the mix water. Continue agitation while adding the remainder of the water and Willowood Azoxystrobin 2.08SC to the spray tank.
- Allow Willowood Azoxystrobin 2.08SC to completely disperse.
- Spray the mixture with the agitator running.

#### **APPLICATION INSTRUCTIONS THROUGH IRRIGATION SYSTEMS (CHEMIGATION)**

##### **Application Through Irrigation Systems (Chemigation)**

- Use only on crops for which chemigation is specified on this label.
- Apply this product only through center pivot, solid set, hand move, or moving wheel irrigation systems. Do not apply this product through any other type of irrigation system.
- Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water.
- Apply in 0.1-0.25 inches/acre. Excessive water may reduce efficacy.
- If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers, or other experts.
- Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system, unless the pesticide label-prescribed safety devices for public water systems are in place.
- A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

**Spray Preparation:** Chemical tank and injector system should be thoroughly cleaned. Flush system with clean water.

**Drip Irrigation:** Willowood Azoxystrobin 2.08SC may be applied through drip irrigation systems for soilborne disease control. The soil should have adequate moisture capacity prior to drip application.

Terminate drip irrigation at fungicide depletion from the main feed supply tank or after 6 hours from start, whichever is shorter. For maximum efficacy, subsequent irrigation (water only) should be delayed for at least 24 hours following drip application.

##### **Sprinkler Irrigation**

- Apply this product through sprinkler irrigation systems including center pivot, lateral move, end tow, side [wheel] roll, traveler, big gun, solid set, or hand move irrigation systems.

- Do not apply this product through any other type of irrigation system except as specified on this label.
- Apply with center pivot or continuous-move equipment distributing ½ acre-inch or less during treatment.
- In general, use the least amount of water required for proper distribution and coverage.
- If stationary systems (solid set, handlines or wheel lines other than continuous-move) are used, this product should be injected into no more than the last 20-30 minutes of the set.
- Do not apply when winds are greater than 10-15 mph to avoid drift or wind skips.
- Do not apply when wind speed favors drift beyond the area intended for treatment.
- Plant injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform treated water.
- Thorough coverage of foliage is required for good control.
- Good agitation should be maintained during the entire application period.

If you have questions about calibration you should contact State Extension Service specialist, equipment manufacturers or other experts.

### **Operating Instructions**

- 1) Do not apply when wind speed favors drift beyond the area intended for treatment.
- 2) The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water-source contamination from backflow.
- 3) The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- 4) The pesticide injection pipeline must also contain a functional, normally closed solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- 5) The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- 6) The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
- 7) Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- 8) Allow sufficient time for pesticide to be flushed through all lines and all nozzles before turning off irrigation water. A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.
- 9) Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.

### **Center Pivot Irrigation Equipment**

**Notes:** (1) Use only with drive systems which provide uniform water distribution. (2) Do not use end guns when chemigating Willowood Azoxystrobin 2.08SC through center pivot systems because of non-uniform application.

- Determine the size of the area to be treated.
- Determine the time required to apply 1/8-1/2 inch of water over the area to be treated when the system and injection equipment are operated at normal pressures as specified by the equipment manufacturer. When applying Willowood Azoxystrobin 2.08SC through irrigation equipment, use the lowest obtainable water volume while maintaining uniform distribution. Run the system at 80-95% of the manufacturer's rated capacity.
- Using water, determine the injection pump output when operated at normal line pressure.
- Determine the amount of Willowood Azoxystrobin 2.08SC required to treat the area covered by the irrigation system.

- Add the required amount of Willowood Azoxystrobin 2.08SC and sufficient water to meet the injection time requirements to the solution tank.
- Make sure the system is fully charged with water before starting injection of the Willowood Azoxystrobin 2.08SC solution. Time the injection to last at least as long as it takes to bring the system to full pressure.
- Maintain constant solution tank agitation during the injection period.
- Continue to operate the system until the Willowood Azoxystrobin 2.08SC solution has cleared the sprinkler head.

#### **Solid Set, Hand Move, and Moving Wheel Irrigation Equipment**

- Determine the acreage covered by the sprinklers.
- Fill injector solution tank with water and adjust flow rate to use the contents over a 20 to 30-minute interval. When applying Willowood Azoxystrobin 2.08SC through irrigation equipment use the lowest obtainable water volume while maintaining uniform distribution.
- Determine the amount of Willowood Azoxystrobin 2.08SC required to treat the area covered by the irrigation system.
- Add the required amount of Willowood Azoxystrobin 2.08SC into the same quantity of water used to calibrate the injection period.
- Operate the system at the same pressure and time interval established during the calibration.
- Stop injection equipment after treatment is completed. Continue to operate the system until the Willowood Azoxystrobin 2.08SC solution has cleared the last sprinkler head.

#### **Specific Instructions for Public Water Systems**

1. Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.
2. Chemigation systems connected to public water systems must contain a functional reduced-pressure zone, back-flow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.
3. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
4. The pesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
5. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.
6. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
7. Do not apply when wind speed favors drift beyond the area intended for treatment.

### **USE INSTRUCTIONS**

<b>Crop</b>	<b>Target Diseases</b>	<b>Use Rate fl. oz. product/A (lb. a.i./A)</b>	<b>Remarks</b>
Alfalfa (See Nongrass Animal			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Feeds Forage, Fodder, Straw and Hay)			
<b>Almonds</b>	Alternaria Leaf and Fruit Spot ( <i>Alternaria alternata</i> ) Anthracnose ( <i>Colletotrichum acutatum</i> ) Leaf Blight ( <i>Seimatosporium lichenicola</i> ) Leaf Rust ( <i>Tranzschelia discolor</i> ) Scab ( <i>Cladosporium carpophilum</i> ) Shot Hole ( <i>Wilsonomyces carpophilus</i> )	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease and continue throughout the season following the resistance <b>management</b> guidelines. Applications may be made by ground, air or chemigation. For aerial applications apply in a minimum of 15 GPA. Thorough and uniform coverage is essential for disease control. Reduced efficacy has been observed when uniform coverage cannot be obtained.  Willowood Azoxystrobin 2.08SC may be applied by air only at growth stages prior to and including 5 weeks after petal fall. An adjuvant may be added at specified rates.
	Brown Rot Blossom Blight ( <i>Monilinia laxa, M fructicola</i> )	12.0-15.5 (0.20-0.25)	Anthracnose, scab and shot hole: Begin applications prior to disease development and continue at 7- to 14- day intervals throughout the season.  Blossom blight: Begin applications at early bloom and continue through petal fall.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
<b>Specific Use Restrictions:</b> 1) Do not apply more than 92.3 fl. oz. of product/A/season. 2) Do not apply more than 1.5 lb. a.i./A/season of azoxystrobin-containing products. 3) Do not apply within 28 days of harvest (28-day PHI).			



Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Artichoke, Globe	Ramularia Leaf Spot ( <i>Ramularia cynarae</i> )	11.0-15.5 (0.18-0.25)	<p>Begin applications prior to or in the early stages of disease development and continue as needed throughout the season at a 2-3 week interval, up to and including the day of harvest. Do not apply at less than 7-day intervals. Applications may be made by ground, air or chemigation. For ground applications, apply in 50-200 gallons of water per acre to obtain coverage without excessive runoff. For aerial applications, apply in a minimum of 5 gallons of water per acre. An adjuvant may be added at specified rates.</p> <p>Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.</p>
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 92.3 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.5 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Asparagus	Stemphyllium Purple Spot ( <i>Stemphyllium vesicarium</i> )	6.0-15.5 (0.10-0.25)	<p>Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season on a 7- to 14-day schedule, following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates. Use a minimum of 10 gallons of water per acre by air. An adjuvant may be added at specified rates.</p> <p>Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.</p>
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 92.3 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.5 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 100 days of harvest (100-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Bananas Plantains	Black Sigatoka ( <i>Mycosphaerella fijiensis</i> ) Yellow Sigatoka ( <i>Mycosphaerella musicola</i> )	5.5-8.5 (0.09-0.135)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season every 12-14 days following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates. Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternations with a fungicide that is not in Group 11.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 66.4 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.08 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Cereals Barley Oats Rye	Kernel Blight ( <i>Alternaria</i> spp.) Leaf Rust ( <i>Puccinia hordei</i> )	6.0-12.0 (0.10-0.20)	Willowood Azoxystrobin 2.08SC should be applied prior to disease development. Protecting the flag leaf is important for maximizing disease control. For best results, sufficient water volume must be used to provide thorough coverage. Willowood Azoxystrobin 2.08SC can be applied by ground, air or chemigation. A crop oil concentrate adjuvant may be added at 1% v/v to optimize efficacy. For chemigation, apply in 0.1-0.25 inches/A of water. Chemigation with excessive water may lead to a decrease in efficacy.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11. Do not make more than two (2) applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicide per season.
	Barley Stripe ( <i>Drechslera graminea</i> = <i>Pyrenophora graminea</i> ) Net Blotch ( <i>Pyrenophora teres</i> )	9.0-12.0 (0.15-0.20)	
	Powdery Mildew ( <i>Erysiphe graminis f. sp. Hordei</i> ) Stagonospora Blotch ( <i>Stagonospora nodorum</i> )	12.0 (0.20)	
<b>Specific Use Restrictions:</b> 1) Do not apply after Feekes 10.54.			

2) Do not apply more than 0.40 lb. a.i./A/season of azoxystrobin-containing products. 3) Do not apply within 7 days of grazing or harvest (7-day PHI) for forage and hay.			
Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Berries</b> <b>Bushberry</b> <b>Subgroup 13-07B</b>  Aronia Berry Blueberry, Highbush Blueberry, Lowbush Buffalo Currant Chilean Guava Cranberry, Highbush Current, Black Currant, Red Elderberry European Barberry Gooseberry Honeysuckle, Edible Huckleberry Jostaberry Juneberry (Saskatoon Berry) Lingonberry Native Currant Salal Sea Buckthorn  Including all cultivars and/or hybrids of these.	Alternaria Fruit Rot ( <i>Alternaria</i> spp.) Anthracnose Fruit Rot ( <i>Colletotrichum</i> <i>gloeosporioides</i> ) Botryosphaeria Canker ( <i>Botryosphaeria</i> spp.) Mummyberry ( <i>Monilinia</i> <i>vaccinii-corymbosi</i> ) Phomopsis Stem Canker ( <i>Phomopsis vaccinii</i> ) Powdery Mildew ( <i>Sphaerotheca</i> spp.) Septoria Blight ( <i>Septoria</i> spp.)	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season on a 7- to 14- day schedule, following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
<b>Specific Use Restrictions:</b> 1) Do not apply more than 46 fl. oz. of product/A/season. 2) Do not apply more than 0.75 lb. a.i./A/season of azoxystrobin-containing products. 3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Berries,</b> <b>Caneberry Subgroup</b> <b>13-07A</b>  Blackberry Bingleberry Boysenberry Dewberry Lowberry Marionberry Olallieberry	Anthracnose ( <i>Spaceloma necator</i> ) ( <i>Elsinoe veneta</i> ) Botryosphaeria Canker ( <i>Botryosphaeria</i> <i>dothidea</i> ) Colletotrichum Rot ( <i>Colletotrichum</i> <i>gloeosporioides</i> ) Leaf Spot ( <i>Septoria rubi</i> ) ( <i>Sphaerulina rubi</i> )	6.0-15.5 (0.10-0.25)	Begin applications at onset of disease and continue until harvest. Make applications on a 7- to 14-day schedule. Use a minimum water volume of 10 gallons per acre by ground and a minimum of 3 gallons by air.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Youngberry Loganberry Red and Black Raspberry Wild Raspberry  Including all cultivars and/or hybrids of these	Powdery Mildew ( <i>Sphaerotheca macularis</i> ) Rosette or Double Blossom of Blackberries ( <i>Cercospora rubi</i> ) Spur Blight ( <i>Didymella applanata</i> )		11 fungicides before alternation with a fungicide that is not in Group 11.
	Blackberry Rust ( <i>Phragmidium spp.</i> )	10-15.5 (0.16-0.25)	
<b>Specific Use Restrictions:</b> 1) Do not apply more than 92.3 fl. oz. of product/A/season. 2) Do not apply more than 1.5 lb. a.i./A/season of azoxystrobin-containing products. 3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Berry, Low Growing Subgroup 13-07G</b> (except Cranberry)  Strawberry  See additional crops below.	Anthracnose ( <i>Colletotrichum fragariae</i> ) Leather Rot ( <i>Phytophthora cactorum</i> ) Powdery Mildew ( <i>Sphaerotheca macularis</i> )  Suppression of Botrytis on the Foliage ( <i>Botrytis cinerea</i> )	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season on a 7- to 10- day schedule, following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  For leather rot control apply 2 applications on a 7-day schedule from late bloom through harvest.  <b>For dip applications at transplanting for commercial berry production:</b> For suppression of root and crown rot caused by <i>Colletotrichum</i> spp., mix 5-8 fl. oz. of Willowood Azoxystrobin 2.08SC per 100 gallons of water. Dip plants for 2-5 minutes. Plant treated plants as quickly as possible. It is recommended that transplants be washed to remove excess soil prior to dipping. For continued anthracnose control, follow with foliar applications beginning 2-3 weeks after transplant.

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
			Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	<b>Soilborne Diseases</b> Seedling Root Rot, Basal Stem Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.
<b>Additional Low Growing Berries:</b> Bearberry, Bilberry, Cloudberry, Muntries, Partridgeberry including all cultivars and/or hybrids of these.			
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 61.5 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.0 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not use in plant propagation nurseries.</li> <li>4) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Brassica Head and Stem Subgroup</b>  Broccoli Chinese Broccoli (gai lon) Brussels Sprouts Cabbage Chinese Cabbage (napa) Chinese Mustard Cabbage (gai choy) Cauliflower Cavalo Broccolo Kohlrabi  Including all cultivars and/or hybrids of these	Alternaria Leaf Spot ( <i>Alternaria</i> spp.) Downy Mildew ( <i>Peronospora parasitica</i> ) Pin Rot ( <i>Alternaria</i> spp.)	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season on a 7- to 14-day schedule, following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates. Use a minimum of 10 gallons of water per acre by ground, and minimum of 3 gallons per acre by air.  Do not apply more than two applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 92.3 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.5 lb. a.i./A/season azoxystrobin-containing products.</li> <li>3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Brassica Leafy Greens Subgroup</b>  Broccoli Raab Cabbage, Chinese Collards Kale Mizuna Mustard Greens Mustard Spinach Rape Greens  Including all cultivars and/or hybrids of these	Black Spot ( <i>Alternaria</i> spp.) Cercospora Leaf Spot ( <i>Cercospora</i> spp.) White Rust ( <i>Albugo candida</i> )	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season on a 7- to 14-day schedule, following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	<b>Soilborne Diseases</b> Seedling Root Rot, Basal Stem Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.
<b>Specific Use Restrictions:</b> 1) Do not apply more than 46 fl. oz. of product/A/season. 2) Do not apply more than 0.75 lb. a.i./A/season of azoxystrobin-containing products. 3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Bulb Vegetables Crop Group 3-07</b>  Garlic Leek Onion, bulb Daylily, bulb Fritillaria, bulb Garlic, bulb Garlic, great-headed, bulb Garlic, serpent, bulb Lily, bulb Onion, bulb Onion, Chinese, bulb Onion, pearl Onion, potato, bulb Shallot, bulb Onion, green Chive, fresh leaves Chive, Chinese,	<b>Foliar Diseases</b> Cladosporium Leaf Blotch ( <i>Cladosporium allii</i> ) Purple Blotch ( <i>Alternaria porri</i> ) Rust ( <i>Puccinia allii</i> )	6.0-12.0 (0.10-0.20)	For downy mildew, make preventative applications on a 5- to 7-day schedule.  For all other diseases, Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season every 7-14 days following the resistance management guidelines. Applications may be made by ground, air or chemigation. If applications are made by air, the higher rates should be used for adequate control. An adjuvant may be added at specified rates.
	Botrytis Leaf Blight ( <i>Botrytis aclada</i> ) Downy Mildew ( <i>Peronospora destructor</i> )	9.0-15.5 (0.15-0.25)	Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
fresh leaves Elegans, hosta Fritillaria, leaves Kurrat Lady's leek Leek Leek, wild Onion, Beltsville bunching Onion, fresh Onion, green Onion, macrostem Onion, tree, tops Onion, Welsh, tops Shallot, fresh leaves  Including all cultivars and/or hybrids of these			Mixtures of Willowood Azoxystrobin 2.08SC with insecticides and silicone adjuvants must be tested for crop safety before application to the crop.
	<b>Soilborne Diseases</b> Rhizoctonia Damping-Off ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section. If the application is an in-furrow application, the spray should be made just prior to seed placement so that the majority of the chemical is under the seed. This will reduce the potential for phytotoxicity, especially if fertilizer is added to the application.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 92.3 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.5 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Canola</b> (see Oilseed Crops for additional information)	Alternaria Blackspot ( <i>Alternaria</i> spp.) Blackleg ( <i>Leptosphaeria maculans</i> ) Sclerotinia Stem Rot ( <i>Sclerotinia sclerotiorum</i> )	6.0-15.5 (0.10-0.25)	In general, apply 7.0 fl. oz. of Willowood Azoxystrobin 2.08SC at early bud followed by 14.0 fl. oz. at about 45 days before harvest. A third application of 7.0 fl. oz. may be made 30 days before harvest.  Specifically for blackleg, Willowood Azoxystrobin 2.08SC applications should be made at the 2- to 4-leaf stage. For Alternaria or Sclerotinia,

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
			<p>9.0-15.5 fl. oz. product/A should be applied at 10-25% flowering (3-7 days following first flower). Use the higher rate under heavy disease pressure or when conditions are favorable for disease. For control of Alternaria alone, 8.0 fl. oz. product/A may be applied at pod stage (approximately 95% petal fall).</p> <p>Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in the Group 11.</p> <p>Applications may be made by ground, air or chemigation. Use a minimum of 10 gallons of water per acre for ground applications.</p>
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 27.6 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 0.45 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 30 days of harvest (30-day PHI).</li> </ol>			



Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Carrots	Early Blight ( <i>Cercospora carotae</i> ) Late Blight ( <i>Alternaria dauci</i> ) White Mold ( <i>Sclerotium rolfsii</i> )  For additional diseases, see Vegetables, Root, Subgroup.	9.0-20.0 (0.15-0.33)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season every 7-14 days following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	<b>Soilborne Diseases</b> Rhizoctonia Root Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 123 fl. oz. product/A/season.</li> <li>2) Do not apply more than 2.0 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Celery	Early Blight ( <i>Cercospora apii</i> ) Late Blight ( <i>Septoria apicola</i> )  For additional diseases, see Leafy Vegetables.	9.0-15.5 (0.15-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season every 7-14 days following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	<b>Soilborne Diseases</b> Rhizoctonia Root Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.

**Specific Use Restrictions:**

- 1) Do not apply more than 92.3 fl. oz. of product/A/season.
- 2) Do not apply more than 1.5 lb. a.i./A/season of azoxystrobin-containing products.
- 3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Christmas Trees</b>	Diplodia Tip Blight ( <i>Diplodia pinea</i> ) Lophodermium Needlecast ( <i>Lophodermium pinastri</i> ) Swiss Needlecast ( <i>Phaeocryptopus gaumannii</i> )	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season at 7- to 21-day intervals following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.

**Specific Use Restrictions:**

- 1) Do not apply more than 123 fl. oz. product/A/season.
- 2) Do not apply more than 2.0 lb. a.i./A/season of azoxystrobin-containing products.

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Citrus Fruit Crop Group 10-10</b>  Calamondin Citron Grapefruit Kumquat Lemon Lime Mandarin Orange (sour and sweet) Pummelo Satsuma Mandarin Tangerine  Including all cultivars and/or hybrids of these.	Albinism ( <i>Alternaria alternata</i> pv <i>citri</i> ) Alternaria Leaf and Fruit Spot ( <i>Alternaria citri</i> ) Cercospora Leaf Spot ( <i>Cercospora</i> spp.) Diplodia Stem-End Rot ( <i>Diplodia natalensis</i> ) Greasy Spot ( <i>Mycosphaerella citri</i> ) Melanose ( <i>Diaporthe citri</i> ) Penicillium Decays Green Mold, Whisker Mold, Suppression of Blue Mold ( <i>Penicillium</i> spp.) Phomopsis Stem-End Rot ( <i>Phomopsis citrii</i> )	12.0-15.5 (0.20-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season on 7- to 21-day intervals following the resistance management guidelines. Under conditions that favor severe disease epidemics, the higher application rates should be used. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates. A horticultural spray oil should be used to improve control of greasy spot.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
See complete list of citrus fruit crops below.	Post Bloom Fruit Drop (PFD) ( <i>Colletotrichum acutatum</i> ) Powdery Mildew ( <i>Erysiphe</i> spp.) Scab ( <i>Elsinoe fawcettii</i> ) Sweet Orange Scab ( <i>Elsinoe australis</i> )		a fungicide that is not in Group 11. Do not make more than four (4) applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicide per season.
	Black Spot ( <i>Guignardia citricarpa</i> )	9.0-15.5 (0.15-0.25)	
Pummelo Citrus Hybrid (Uniq fruit only)	<b>Soilborne Diseases</b> Seedling Root Rot, Basal Stem Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.
<b>Complete List of Citrus Fruit Crops:</b> Australian Desert Lime ( <i>Eremocitrus glauca</i> ); Australian Finger Lime ( <i>Microcitrus australasica</i> ); Australian Round Lime ( <i>Microcitrus australis</i> ); Brown River Finger Lime ( <i>Microcitrus papuana</i> ); Calamondin ( <i>Citrofortunella microcarpa</i> ); Citron ( <i>Citrus medica</i> ); Citrus Hybrids, <i>Citrus</i> spp., <i>Eremocitrus</i> spp., <i>Fortunella</i> spp., <i>Microcitrus</i> spp., and <i>Poncirus</i> spp.; Grapefruit ( <i>Citrus paradise</i> ); Japanese Summer Grapefruit ( <i>Citrus natsudaidai</i> ); Kumquat ( <i>Fortunella</i> spp.); Lemon ( <i>Citrus limon</i> ); Lime ( <i>Citrus aurantiifolia</i> ); Mediterranean Mandarin ( <i>Citrus deliciosa</i> ); Mount White Lime ( <i>Microcitrus garrowayae</i> ); New Guinea Wild Lime ( <i>Microcitrus warburgiana</i> ); Orange, Sour ( <i>Citrus aurantium</i> ); Orange, Sweet ( <i>Citrus sinensis</i> ); Pummelo ( <i>Citrus maxima</i> ); Russell River Lime ( <i>Microcitrus inodora</i> ); Satsuma Mandarin ( <i>Citrus unshiu</i> ); Sweet Lime ( <i>Citrus limetta</i> ); Tachibana Orange ( <i>Citrus tachibana</i> ); Tahiti Lime ( <i>Citrus latifolia</i> ); Tangelo ( <i>Citrus x tangelo</i> ); Tangerine (Mandarin) ( <i>Citrus reticulata</i> ); Tangor ( <i>Citrus nobilis</i> ); Trifoliolate Orange ( <i>Poncirus trifoliata</i> ); Uniq Fruit ( <i>Citrus aurantium</i> Tangelo group); cultivars, varieties and/or hybrids of these.			
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 92.3 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.5 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not use Willowood Azoxystrobin 2.08SC in citrus plant propagation nurseries.</li> <li>4) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Clover (and stands containing Clover)</b> (See Nongrass Animal Feeds Forage, Fodder, Straw and Hay)			

<b>Corn</b>  Field Pop Sweet (Includes Seed Production)	Rust ( <i>Puccinia sorghi</i> )	6.0-9.0 (0.10-0.15)	For gray leaf spot, apply Willowood Azoxystrobin 2.08SC at the onset of disease. A second application may be required 14 days later if disease pressure persists.  For all other diseases, Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and may continue throughout the season every 7-14 days following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11. For filed corn and field corn grown for seed, do not make more than two (2) applications per season.
	Anthracnose Leaf Blight ( <i>Colletotrichum graminicola</i> ) Eye Spot ( <i>Aureobasidium zeae</i> ) Gray Leaf Spot ( <i>Cercospora sorghi</i> ) Northern Corn Leaf Blight ( <i>Setosphaeria turcica</i> ) North Corn Leaf Spot ( <i>Cochliobolus carbonum</i> ) Southern Corn Leaf Blight ( <i>Cochliobolus heterostrophus</i> )	6.0-15.5 (0.10-0.25)	
	Early Application (V4-V8)	6.0 (0.10)	
	<b>Soilborne Diseases</b> Rhizoctonia Root and Stalk Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.

**Specific Use Restrictions:**

- 1) Do not apply more than 123 fl. oz. of product/A/season.
- 2) Do not apply more than 2.0 lb. a.i./A/season of azoxystrobin-containing products.
- 3) Do not apply within 7 days of harvest (7-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Cotton	Anthracnose ( <i>Glomerella gossypii</i> ) Ascochyta Blight ( <i>A. gossypii</i> ) Boll Rot ( <i>A. gossypii</i> ) Cotton Rust ( <i>Puccinia</i>	6.0-9.0 (0.1-0.15)	For optimum disease control, Willowood Azoxystrobin 2.08SC applications should begin prior to or in the early stages of disease development. Applications may be made by ground, air, or chemigation.

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
	<i>schedonnardi</i> Hardlock ( <i>Fusarium verticillioides</i> ) Southwestern Cotton Rust ( <i>Puccinia cacabata</i> )		<p>An adjuvant may be added at specified rates. Minimum application volumes for air and ground are 5 and 10 gallons per acre, respectively.</p> <p>The first Willowood Azoxystrobin 2.08SC application should be targeted approximately at pinhead square to first bloom to protect the plant from diseases. Subsequent application(s) are specified on a 14-21-day schedule. An additional application may be made depending on environmental conditions and the health of the cotton plant.</p> <p>Under poor environmental conditions conducive to seedling disease and poor cotton growth, Willowood Azoxystrobin 2.08SC may be applied to early season cotton to suppress damping off and other diseases which result in plant stand loss.</p> <p>Do not apply more than two foliar applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternating with a fungicide that has a different mode of action. Do not make more than three (3) foliar applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides per crop per acre per year.</p>
	Pythium Seedling Blight ( <i>Pythium aphanidermatum</i> ) Rhizoctonia Seedling Blight ( <i>Rhizoctonia solani</i> )	<b>In-Furrow</b> 0.40-0.80 fl. oz. product per 1000 row feet (0.10-0.20 oz. a.i. per 1000 row feet)	<p><b>Willowood Azoxystrobin 2.08SC Application Directions:</b> Apply Willowood Azoxystrobin 2.08SC as an in-furrow spray in 3-7 gallons of water at planting. Mount the spray nozzle so the spray is directed into the furrow just before the seed are covered. Use the higher rate when the weather conditions are expected to be conducive for disease development, if the field has a history of Pythium problems, or if minimum/low till programs are in place.</p> <p>See the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section for table illustrating total fluid ounces per acre with various row spacings.</p>
<b>Specific Use Restrictions:</b>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
1) Do not apply more than 27 fl. oz. of product/crop/season as a foliar spray. 2) Willowood Azoxystrobin 2.08SC may be applied up to 45 days before harvest (45-day PHI).			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Cranberry Subgroup 13-07H (except Strawberry)</b>  Bearberry Bilberry Blueberry, Lowbush Cloudberry Lingonberry Muntries Partridgeberry  Including all cultivars and/or hybrids of these	Cottonball ( <i>Monilinia oxycocci</i> ) Fruit Rots ( <i>Physalospora vaccinii</i> ) ( <i>Glomerella cingulata</i> ) ( <i>Coleophoma empetri</i> ) Lophodermium Twig Blight ( <i>Lophodermium spp.</i> )	6.0-15.5 (0.10-0.25)	Begin applications at 5-10% bloom for fruit rot, cottonball, and twig blight. Continue applications on a 7- to 14-day schedule if conditions are favorable for disease development. Applications may be made by ground, chemigation or air.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternations with a fungicide that is not in Group 11.
	Fairy Ring (suppression) ( <i>Psilocybe</i> spp.)	15.5 (0.25)	Make the first application at bud break. Measure the ring diameter and add 10 feet to that diameter. Apply Willowood Azoxystrobin 2.08SC at a rate equivalent to 15.5 fl. oz./A in 30-100 gallons of water to the affected area. Irrigation (1-2 hours) following application is advisable to ensure penetration to the base of the plant. If necessary make another application 2-4 weeks later. For ground application ensure adequate water volume for thorough canopy penetration.

**Specific Use Restrictions:**

- 1) Do not apply more than 92.3 fl. oz. of product/A/season.
- 2) Do not apply more than 1.5 lbs. a.i./A/season of azoxystrobin-containing products.
- 3) Do not treat cranberry fields used for aquaculture of fish and crustacean.
- 4) Do not apply when weather conditions favor drift from treated areas to non-target aquatic habitat. Applicators should use care in making applications near non-target aquatic habitats.
- 5) Do not apply to flooded crop.
- 6) Do not allow release of irrigation or flood water to non-target aquatic habitat for at least 14 days after the last application.
- 7) Do not apply within 3 days of harvest (3-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Cucurbits</b>  Cantaloupe Chayote Chinese-Waxgourd Cucumber Gourds Honeydew Melons <i>Momordica</i> spp. (bitter melon, balsam apple) Muskmelon Watermelon Pumpkin Squash Zucchini  Including cultivars and/or hybrids of these.	Anthracnose ( <i>Colletotrichum lagenarium</i> ) Belly Rot ( <i>Rhizoctonia solani</i> ) Downy Mildew ( <i>Pseudoperonospora cubensis</i> ) Gummy Stem Blight ( <i>Didymella bryoniae</i> ) Leaf Spots ( <i>Alternaria</i> spp., <i>Cercospora</i> spp.) Myrothecium Canker ( <i>Myrothecium roridum</i> ) Plectosporium Blight ( <i>Plectosporium tabacinum</i> ) Powdery Mildew ( <i>Sphaerotheca fuliginea</i> , <i>Erysiphe cichoracearum</i> ) Ulocladium Leaf Spot ( <i>Ulocladium cucurbitae</i> )	6.0-15.5 (0.10-0.25)	For both downy and powdery mildew, make preventative applications on a 5- to 7-day schedule. For belly rot control, the first application should be made at the 1-3 leaf crop stage with a second application just prior to vine tip over or 10-14 days later whichever occurs first. For all other diseases, Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season every 7-14 days following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not tank mix Willowood Azoxystrobin 2.08SC with crop oil concentrates (COC), methylated spray oil (MSO) or silicon adjuvants.  Do not tank mix Willowood Azoxystrobin 2.08SC with Malathion, Kelthane®, Thiodan®, Phaser®, Lannate®, Lorsban®, M-Pede® or Botran®.  Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11. Do not make more than four (4) foliar applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides per crop per acre per year.
	<b>Soilborne Diseases</b> Rhizoctonia Root Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.
<b>Specific Use Restrictions:</b> 1) Do not apply more than 92.3 fl. oz. of product/A/season. 2) Do not apply more than 1.5 lbs. a.i./A/season of azoxystrobin-containing products. 3) Do not apply within 1 day of harvest (1-day PHI).			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Fruiting Vegetables Crop Group 8-10</b>  <b>Pepper</b> Bell Pepper Non-Bell Pepper Sweet Non-Bell Pepper  <b>Eggplant Okra Pepino</b>  Including all cultivars and/or hybrids of these.  <b>See specific directions for use for Tomatoes.</b>  See complete list of fruiting vegetables below.	Anthracnose ( <i>Colletotrichum</i> spp.) Powdery Mildew ( <i>Sphaerotheca</i> spp.)	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season on a 7- to 14- day schedule, following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	<b>Soilborne Diseases</b> Rhizoctonia Seedling Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.
<b>Complete List of Fruiting Vegetables:</b> African Eggplant; Bell Pepper; Eggplant; Martynia; Nonbell Pepper; Okra; Pea Eggplant; Pepino; Roselle; Scarlet Eggplant; cultivars, varieties; and/or hybrids of these.			
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 61.5 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.0 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Grapes and Other Small Fruit Vine Climbing Subgroup 13-07F (except fuzzy kiwifruit)</b>  Amur River Grape Kiwifruit, Hardy Maypop Muscadines Schisandra Berry  Including all cultivars and/or hybrids of these.	Black Rot ( <i>Guignardia bidwellii</i> ) Downy Mildew ( <i>Plasmopara viticola</i> ) Phomopsis Cane and Leaf Spot ( <i>Phomopsis viticola</i> ) Powdery Mildew ( <i>Uncinula necator</i> )  <b>Suppression Only:</b> Botrytis Bunch Rot ( <i>Botrytis cinerea</i> )	10.0-15.5 (0.16-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season every 10-14 days following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than two sequential foliar applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before



Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
			<p>alternating with a fungicide that is not in Group 11.</p> <p><b>ATTENTION</b></p> <p>Willowood Azoxystrobin 2.08SC is extremely phytotoxic to certain apple varieties.</p> <p>AVOID SPRAY DRIFT. Extreme care must be used to prevent injury to apple trees (and apple fruit).</p> <p>DO NOT spray Willowood Azoxystrobin 2.08SC where spray drift may reach apple trees.</p> <p>DO NOT use spray equipment which has been previously used to apply Willowood Azoxystrobin 2.08SC to spray apple trees. Even trace amounts can cause unacceptable phytotoxicity to certain apple and crabapple varieties.</p> <p>AVOIDING SPRAY DRIFT IS THE RESPONSIBILITY OF THE APPLICATOR.</p>
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 92.3 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.5 lb. a.i./season of azoxystrobin-containing products.</li> <li>3) Do not apply within 14 days of harvest (14-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Grasses</b> (grown for seed)	Ergot Stem Diseases Powdery Mildew ( <i>Erysiphe graminis</i> ) Rust ( <i>Puccinia</i> spp.)	6.0-15.5 (0.10-0.25)	<p>Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season on a 10- to 14-day schedule, following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.</p> <p>Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.</p>
<b>Specific Use Restrictions:</b>			

- 1) Do not apply more than 49 fl. oz. of product/A/season.
- 2) Do not apply more than 0.8 lb. a.i./A/season of azoxystrobin-containing products.
- 3) Do not feed treated straw, seed or screenings to livestock.
- 4) Willowood Azoxystrobin 2.08SC may be applied up to 8 days prior to harvest (swathing)(8-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Herbs &amp; Spices (except black pepper) Crop Group 19</b>  Allspice; Angelica; Anise (seed); Anise, star; Annatto; Balm; Basil; Borage; Burnet; Camomile; Caper (buds); Caraway; Caraway, black; Cardamon; Cassia (buds); Catnip; Celery Seed; Chervil (dried); Chive; Chive, Chinese; Cinnamon; Clary; Clove (buds); Coriander (cilantro) or Chinese parsley)(leaf); Coriander (seed); Costmary; Culantro (leaf and seed); Cumin, Curry (leaf); Dill (seed); Dillweed; Fennel, Common; Fennel, Florence (seed); Fenugreek; Grains of Paradise; Horehound; Hyssop; Juniper (berry); Lavender; Lemongrass; Lovage (leaf and seed); Mace; Marigold; Marjoram; Mustard (seed); Nasturtium; Nutmeg; Parsley (dried); Pennyroyal; Pepper, White; Poppy Seed; Rosemary; Rue; Saffron; Sage; Savory, Summer and Winter Sweet Bay; Tansy; Tarragon; Thyme;	Corynespora Blight ( <i>Corynespora cassicola</i> ) Dill Blight ( <i>Cercosporidium punctum</i> ) Phoma Blight ( <i>Passalora puncta</i> )	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin at the onset of disease development and continue throughout the season on a 7-day schedule, following the resistance management guidelines. Applications may be made by ground only. An adjuvant may be added at specified rates. Use a minimum of 30 gallons of water per acre.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Vanilla; Wintergreen; Woodruff; Wormwood			
Wasabi	Fusarium Rhizome and Root Rot ( <i>Pythium</i> spp.)	6.2-15.4 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin at the onset of disease development and continue throughout the season on a 7-day schedule, following the resistance management guidelines. Applications may be made by ground or through the irrigation system (chemigation). An adjuvant may be added at specified rates. Use a minimum of 30 gallons of water per acre.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with fungicide that is not in Group 11.

**Specific Use Restrictions:**

- 1) Do not apply more than 92.3 fl. oz. of product/A/season.
- 2) Do not apply more than 1.5 lbs. a.i./A/season of azoxystrobin-containing products.
- 3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Leafy Vegetables (except brassica)</b>	<b>Foliar Diseases</b>	6.0-15.5 (0.10-0.25)	For both downy and powdery mildew, make preventative applications on a 5- to 7-day schedule.  For all other diseases, Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season every 7-14 days following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.
Amaranth	Alternaria Leaf Spot ( <i>Alternaria sonchi</i> , <i>A.</i> spp.)		
Arugula	Anthracnose ( <i>Microdochium</i>		
Cardoon	<i>panattonianum</i> , <i>Colletotrichum</i>		
Celery	<i>dematium</i> )		
Celtuce	Cercospora Leaf Spot ( <i>Cercospora</i> spp.)		
Chervil	Septoria Leaf Spot ( <i>Septoria petroselini</i> )		
Chrysanthemum,	White Rust ( <i>Albugo</i>		
Edible	<i>occidentalis</i> )		
Coriander, Leaves (Cilantro)	Downy Mildew ( <i>Bremia</i>	12.0-15.5 (0.20-0.25)	Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
Corn Salad	<i>lactucae</i> )		
Cress	Powdery Mildew ( <i>Erysiphe</i>		
Dandelion	<i>cichoracearum</i> )		
Dock			
Endive			
Fennel			
Lettuce, Head and Leaf			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Orach Parsley Purslane Radicchio Rhubarb Spinach Swiss Chard  Including cultivars and/or hybrids of these			<b>ATTENTION:</b> Applications of Willowood Azoxystrobin 2.08SC to leafy vegetable foliage have contributed to phytotoxicity under certain circumstances. Proceed with caution with regard to tank mixes and adjuvants when treating all leafy vegetables with Willowood Azoxystrobin 2.08SC. Willowood Azoxystrobin 2.08SC must not be tank mixed on leaf lettuce with Ambush® WP, Pounce® WP, Aliette®, Warrior with Zeon Technology®, or another product that may increase the penetration of Willowood Azoxystrobin 2.08SC into the leaf surface, such as, but not limited to silicone wetters.
	<b>Soilborne Diseases</b> Webb Blight, Bottom Rot, Crater Rot, Root Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 92.3 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.5 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Legume Vegetables, Dry and Succulent and Legume Vegetables, Foliage of any Cultivar of Bean (<i>Phaseolus</i> spp.) and Field Pea (<i>Pisum</i> spp.)</b>  Bean ( <i>Lupinus</i> spp.) (includes grain lupin, sweet lupin, white lupin, and white sweet lupin) Bean ( <i>Phaseolus</i> spp.) (includes field bean, kidney bean, lima bean, navy bean, pinto bean, runner bean,	Bean Rust ( <i>Uromyces appendiculatus</i> )	6.0 (0.10)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season every 7-14 days following the resistance management guidelines. Use the higher rates under severe disease pressure. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates. For rust, use of a non-ionic surfactant is recommended.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	Alternaria Blight ( <i>Alternaria</i> spp.) Alternaria Leaf Spot ( <i>Alternaria alternata</i> ) Anthracnose ( <i>Colletotrichum lindemuthianum</i> ) Ascochyta Blight ( <i>Mycosphaerella pinodes</i> ) Ascochyta Leaf and Pod Spot ( <i>Ascochyta</i> spp.) Ascochyta Leaf Spot ( <i>Ascochyta phaseolorum</i> ) Rust ( <i>Phakopsora</i> spp.)	6.0-15.5 (0.10-0.25)	

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
snap bean, tepary bean, wax bean) Bean ( <i>Vigna</i> spp.) (includes adzuki bean, asparagus bean, blackeyed pea, cowpea, catjang, Chinese longbean, crowder pea, moth bean, mung bean, rice bean, southern pea, urd bean, yardlong bean) Bean ( <i>Glycine</i> max) Soybean, Immature Seed (edamame) Broad bean (fava bean) ( <i>Vicia faba</i> ) Chickpea (garbanzo bean)( <i>Cicer arietinum</i> ) Guar ( <i>Cyamopsis</i> <i>tetragonoloba</i> ) Jackbean ( <i>Canavalia</i> <i>ensiformis</i> ) Lablab Bean (hyacinth bean)( <i>Lablab</i> <i>purpureus</i> ) Lentil ( <i>Lens esculenta</i> ) Pea ( <i>Pisum</i> spp.) (Includes dwarf pea, edible-pod pea, English pea, garden pea, green pea, field pea, snow pea, sugar snap pea) Pigeon Pea ( <i>Cajanus</i> <i>cajan</i> ) Sword Bean ( <i>Canavalia gladiata</i> )	Southern Blight ( <i>Sclerotium rolfsii</i> ) Web Blight ( <i>Rhizoctonia</i> <i>solani</i> )		
	<b>Soilborne Disease</b> Rhizoctonia Root Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING            DISEASE CONTROL</b> section.  Willowood Azoxystrobin 2.08SC can be applied to the furrow and covering soil at plant time in a 7-inch band. Avoid a concentrated stream directly on the seed or delayed emergence may occur.  If using a narrow spray as an in- furrow spray, adjust the spray stream to hit the soil next to the seed but not hit the seed. <b>NOTE:</b> Conduct a seed safety test with your crop before making in- furrow applications.

**Specific Use Restrictions:**

- 1) Do not apply more than 92.3 fl. oz. of product/A/season.
- 2) Do not apply more than 1.5 lb. a.i./A/season of azoxystrobin-containing products.
- 3) Do not apply within 14 days of harvest (14-day PHI) of dry legume vegetables (dry bean and dry pea seeds).
- 4) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI) for succulent beans and peas.
- 5) For use on soybeans, please refer to the soybean crop directions for use.

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Mint</b> (Fresh or for processing into mint oil)	Powdery Mildew ( <i>Erysiphe</i> spp.) Rust ( <i>Puccinia menthae</i> )	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season on a 7- to 10-day schedule, following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	<b>Soilborne Diseases</b> Seedling Root Rot, Basal Stem Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.

**Specific Use Restrictions:**

- 1) Do not apply more than 46 fl. oz. of product/A/season.
- 2) Do not apply more than 0.75 lb. a.i./A/season of azoxystrobin-containing products.
- 3) For processed mint, do not apply within 7 days of harvest (7-day PHI).
- 4) For fresh mint, Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Nongrass Animal Feeds Forage, Fodder, Straw and Hay</b>  For pure/mixed stands of the following or stands mixed with grasses:  Alfalfa ( <i>Medicago sativa</i> subsp. <i>sativa</i> ) Bean, Velvet ( <i>Mucuna pruriens</i> var. <i>utilis</i> ) Clover ( <i>Trifolium</i> spp., <i>Mellilotus</i> spp.) Kudzu ( <i>Pueraria lobata</i> ) Lespedeza ( <i>Lespedeza</i> spp.)	Alternaria Leaf Spot ( <i>Alternaria</i> spp.) Cercospora Leaf Spot ( <i>Cercospora</i> spp.) Powdery Mildew ( <i>Oidium</i> spp., <i>Erysiphe</i> spp.)  Rust ( <i>Phakopsora</i> spp.)	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season. Use the higher rates under severe disease pressure. Applications may be made by ground, air or chemigation. Use of an additive such as crop oil concentrate or non-ionic surfactant is recommended.  For management of outbreaks of Asian soybean rust and other <i>Puccinia</i> species on alternate host species such as kudzu, lespedeza, trefoil and vetch, apply Willowood Azoxystrobin 2.08SC to forages grown in the vicinity of soybeans and other legume crops (beans and peas) as a part of an Asian rust disease management strategy. Consult with local experts and

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Lupin ( <i>Lupinus</i> spp.) Sainfoin ( <i>Onobrychis viciifolia</i> ) Trefoil ( <i>Lotus</i> spp.) Vetch ( <i>Vicia</i> spp.) Vetch, Crown ( <i>Coronilla varia</i> ) Vetch, Milk ( <i>Astragalus</i> spp.)			university extension agents for the latest advice.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 0.25 lb. a.i./A per cutting.</li> <li>2) Do not apply more than 0.75 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 14 days of grazing or harvest (14-day PHI) for forage and hay.</li> <li>4) Not for use on rangeland.</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Oilseed Crops</b> <b>Crop Group 20</b>  Crambe Flax Mustard, Indian Mustard, Field Mustard, Black Rapeseed Rapeseed, Indian Safflower Sunflower  Including all cultivars and/or hybrids of these  See complete list of oilseed crops below.	Alternaria Leaf Spot ( <i>Alternaria</i> spp.) Downy Mildew ( <i>Plasmopora halstedii</i> , <i>Plasmopora helianthi</i> ) Pasm ( <i>Septoria linicola garass</i> ) Sunflower Rust ( <i>Puccinia helianthi</i> )	6.0-15.5 (0.1-0.25)	Apply 6.0 fl. oz. of Willowood Azoxystrobin 2.08SC at early bud followed by 14.0 fl. oz. at about 45 days before harvest. A third application of 7.0 fl. oz. may be made 30 days before harvest. Applications may be made by ground, air or chemigation. Use a minimum of 10 gallons of water per acre for ground applications.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
<b>Complete List of Oilseed Crops:</b> Borage; Calendula; Castor Oil Plant; Chinese Tallowtree; Cottonseed; Crambe; Cuphea; Echium; Euphorbia; Evening Primrose; Flax Seed; Gold of Pleasure; Hare's Ear Mustard; Jojoba; Lesquerella; Lunaria; Meadowfoam; Milkweed; Mustard Seed; Niger Seed; Oil Radish; Poppy Seed; Rapeseed; Rose Hip; Safflower; Sesame; Stokes Aster; Sunflower; Sweet Rocket; Tallowwood; Tea Oil Plant; Vernonia; cultivars varieties, and/or hybrids of these.			
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 27 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 0.45 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 30 days of harvest (30-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Peanuts	<b>Soilborne Diseases – early season (in-furrow application)</b> Aspergillus Crown Rot ( <i>Aspergillus niger</i> ) Pythium Damping Off ( <i>Pythium</i> spp.) Stem Rot/White Mold Suppression ( <i>Sclerotium rolfsii</i> )	0.40-0.80 fl. oz./1000 row feet	Apply Willowood Azoxystrobin 2.08SC in-furrow at planting for control of various seed/seedling diseases including early season suppression of stem rot. See directions and rates under <b>PRODUCT INFORMATION</b> section.
	<b>Soilborne Diseases – mid-late season</b> Rhizoctonia Peg and Pod Rot ( <i>Rhizoctonia solani</i> ) Stem Rot/White Mold ( <i>Sclerotium rolfsii</i> )  <b>Suppression Only:</b> Cylindrocladium Black Rot ( <i>Cylindrocladium crotalariae</i> ) Pythium Pod Rot ( <i>Pythium myriotylum</i> )	12.0-24.5 (0.20-0.40)	Willowood Azoxystrobin 2.08SC should be applied at approximately 60 and 90 days after planting as a foliar application. This application regime may be applied earlier in the season if environmental conditions favor disease development. These two applications of Willowood Azoxystrobin 2.08SC will provide protection against the soil borne diseases and will also provide control of the foliar diseases listed for a 10- to 14-day period after each spray. Under heavy disease pressure and/or where there is a high rainfall and/or irrigation, use 18.5-24.5 fl. oz./A. For light disease pressure and dry environmental conditions (non-irrigated, low rainfall), use 12.0-24.5 fl. oz./A. For control of Pythium, a rate of 24.5 fl. oz./A is required. Additional applications of other fungicides on a leaf spot application schedule will be required to provide season-long disease control of the leaf spot diseases. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.
	<b>Foliar Diseases</b> Early Leaf Spot ( <i>Cercospora arachidicola</i> ) Late Leaf Spot ( <i>Cercosporidium personatum</i> ) Rust ( <i>Puccinia arachidis</i> ) Web Blotch ( <i>Phoma arachidicola</i> )	6.0-18.5 (0.10-0.30)	For foliar disease control only, a lower rate of Willowood Azoxystrobin 2.08SC may be applied on a 10- to 14-day interval.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
<b>Specific Use Restrictions:</b> 1) Do not apply more than 49 fl. oz. of product/A/season. 2) Do not apply more than 0.8 lb. a.i./A/season of azoxystrobin-containing products. 3) Do not apply within 14 days of harvest (14-day PHI).			



Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Pecans	Anthracnose ( <i>Glomerella cingulata</i> ) Scab ( <i>Cladosporium caryigenum</i> )	6.0-12.0 (0.10-0.20)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season on 7- to 21-day intervals following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 73.8 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.2 lbs. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 45 days of harvest (45-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Pistachios	Alternaria Late Blight ( <i>Alternaria alternata</i> ) Botryosphaeria Panicle and Shoot Blight ( <i>Botryosphaeria dothidea</i> ) Septoria Leaf Spot ( <i>Septoria pistaciarum</i> )	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season on 7- to 21-day intervals following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 92.3 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.5 lbs. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 7 days of harvest (7-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Potatoes	Black Dot ( <i>Colletotrichum coccodes</i> ) Early Blight ( <i>Alternaria solani</i> ) Late Blight ( <i>Phytophthora infestans</i> ) Powdery Mildew ( <i>Erysiphe cichoracearum</i> )	6.0-20.0 (0.10-0.33)	<p><b>Early Blight</b> – For a 7-day application schedule, use Willowood Azoxystrobin 2.08SC at 6.0 fl. oz. product/A. For a 14-day application schedule, use a 12.0 fl. oz. product/A rate.</p> <p><b>Late Blight</b> – Apply Willowood Azoxystrobin 2.08SC at 12.0 fl. oz. product/A on a 7-day schedule. Initiate late blight applications in a preventative schedule prior to disease development according to local practices. If late blight symptoms develop or conditions favor disease, switch immediately to a non-Group 11 fungicide, using a 5-day schedule. Addition of a spreader/sticker may improve coverage.</p> <p>For all other diseases, Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season every 7-14 days following the resistance management guidelines. Use the high rate and the shorter interval if disease epidemics are severe. Applications may be made by ground, air or chemigation.</p> <p>Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.</p>
	<b>Soilborne Diseases</b> Black Dot ( <i>Colletotrichum coccodes</i> ) Black Scurf ( <i>Rhizoctonia solani</i> ) Silver Scurf ( <i>Helminthosporium solani</i> )	0.40-0.80 fl. oz./1000 row feet	<p>For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.</p>
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 123 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 2.0 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 14 days of harvest (14-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Rice	<b>Sheath/Stem Diseases</b> Sheath Blight ( <i>Rhizoctonia solani</i> )	6.0-18.5 (0.10-0.30)	<p>Willowood Azoxystrobin 2.08SC should be applied prior to disease development. Applications may be made by ground, air or chemigation. For aerial application, volumes should be 5-10 GPA. An adjuvant may be added at specified rates.</p> <p>For sheath blight control, application rates may vary from 9.0 to 12.0 fl. oz./A depending on the growth stage of the rice and the severity of the disease. Consult with your local extension personnel or Willowood, LLC representative for information in sheath blight control.</p> <p>For other stem/sheath diseases including stem rot, black sheath rot, aggregate sheath spot and sheath spot, apply when disease is less than 4 inches above water line usually between panicle differentiation (PD) +5 days to PD +10 days or at initial sign of disease. Under heavy disease pressure and conditions favorable for disease development, a second application may be applied.</p> <p>For foliar and panicle diseases, apply Willowood Azoxystrobin 2.08SC prior to disease development. Willowood Azoxystrobin 2.08SC must be applied as a preventative treatment for blast control and applied prior to favorable conditions for blast development. For panicle blast, an application should be applied at mid-boot to boot-split but prior to full head emergence. A second application should be applied when panicles are approximately 60-90% emerged from the boot (7-14 days later).</p> <p>When Willowood Azoxystrobin 2.08SC is being applied for panicle blast on continuous rice acreage (no rotation to other crops), no more than two sequential foliar applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides should be made over multiple years before alternating with a fungicide with a different mode of action. Do not</p>
	Aggregate Sheath Spot ( <i>Ceratobasidium oryzae-sativae</i> = <i>Rhizoctonia oryzae-sativae</i> )	9.0-18.5 (0.15-0.30)	
	Black Sheath Rot ( <i>Gaeumannomyces graminis</i> var. <i>graminis</i> )		
	Sheath Spot ( <i>Rhizoctonia oryzae</i> ) Stem Rot ( <i>Magnaporthe salvinii</i> = <i>Sclerotium oryzae</i> = <i>Nakateae sigmoidea</i> )		
	<b>Foliar Diseases</b> Brown Leaf Spot ( <i>Cochliobolus miyabeanus</i> )		
	Leaf Smut ( <i>Entyloma oryzae</i> )		
	Narrow Brown Leaf Spot ( <i>Cercospora janseana</i> = <i>Cercospora oryzae</i> )		
	<b>Panicle Diseases</b> Kernel Smut ( <i>Tilletia barclayana</i> = <i>Neovossia barclayana</i> ) Panicle Blast ( <i>Pyricularia grisea</i> )		

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
			make more than two foliar applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides per acre per season.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not treat rice fields used for aquaculture of fish and crustaceans.</li> <li>2) Do not apply when weather conditions favor drift from treated areas to non-target aquatic habitat. Applicators should use care in making applications near non-target aquatic habitats.</li> <li>3) Do not apply more than 0.70 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>4) Do not allow release of irrigation or flood water for at least 14 days after the last application.</li> <li>5) Do not apply within 28 days of harvest (28-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Sorghum	Anthracnose ( <i>Colletotrichum graminicola</i> ) Gray Leaf Spot ( <i>Cercospora sorghi</i> )	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development. Use the high rates under conditions favorable for severe disease pressure, dense plant canopies, or when susceptible varieties are planted. Contact extension personnel for local economic thresholds and timings for specific diseases in your area. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	<b>Soilborne Diseases</b> Damping-Off ( <i>Rhizoctonia solani</i> , <i>Pythium aphanadermatum</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) For grain and stover, do not apply more than 0.75 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>2) For forage, do not apply more than 0.5 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 14 days of harvest (14-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Soybean Soybean, Immature Seed (edamame)	Aerial Blight ( <i>Rhizoctonia solani</i> ) Alternaria Leaf Spot ( <i>Alternaria</i> spp.) Anthracnose ( <i>Colletotrichum truncatum</i> ) Brown Spot ( <i>Septoria glycines</i> ) Cercospora Blight and Leaf Spot ( <i>Cercospora kikuchii</i> ) Frogeye Leaf Spot ( <i>Cercospora sojina</i> ) Pod and Stem Blight ( <i>Diaporthe phaseolorum</i> ) Rust ( <i>Phakopsora</i> spp.)	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development. Use the high rates under conditions favorable for severe disease pressure, dense plant canopies, or when susceptible varieties are planted. Contact Extension personnel for local economic thresholds and timings for specific diseases in your area. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates. Use of a crop oil concentrate or non-ionic surfactant with the lower use rate is recommended.  Soybean rust: Willowood Azoxystrobin 2.08SC may be used at 4 fl. oz./A when tank mixed with a triazole registered for use on soybean rust.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	<b>Soilborne Diseases</b> Rhizoctonia solani ( <i>Rhizoctonia solani</i> ) Southern Blight ( <i>Sclerotium rolfsii</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.

**Specific Use Restrictions:**

- 1) Do not apply more than 92.3 fl. oz. of product/A/season.
- 2) Do not make more than one application at 15.5 fl. oz. product/acre or 0.25 lb. a.i./A to soybean forage and hay.
- 3) Do not apply more than 1.5 lbs. a.i./A/season of azoxystrobin-containing products.
- 4) Do not apply within 14 days of harvest (14-day PHI) of soybeans (beans).
- 5) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI) to soybean forage and hay.

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Stone Fruits</b>  Apricot Cherry, Sweet	Brown Rot Blossom Blight and Fruit Rot ( <i>Monilinia fructicola</i> , <i>M. laxa</i> )	12.0-15.5 (0.20-0.25)	For brown rot blossom blight, begin applications at early bloom and continue through petal fall. For brown rot on fruit, Willowood

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Cherry, Tart Nectarine Peach Plum Plumcot Prune	Scab ( <i>Cladosporium carpophilum</i> ) Alternaria spot and fruit rot ( <i>Alternaria alternata</i> ) Anthracnose ( <i>Colletotrichum prunicola</i> , <i>C. gloeosporioides</i> ) Leaf rust ( <i>Tranzschelia discolor</i> ) Powdery Mildew ( <i>Sphaerotheca pannosa</i> , <i>Podosphaera clandestine</i> ) Shot hole ( <i>Wilsonomyces carpophilus</i> )	6.0-15.5 (0.10-0.25)	Azoxystrobin 2.08SC may be applied to fruit up to the day of harvest.  For scab, begin applications at petal fall and continue at 7- to 14-day intervals.  For all other diseases, begin application at the onset of disease as a protectant fungicide and continue on a 7- to 14-day schedule.  For peaches only, 9.0-15.5 fl. oz. of Willowood Azoxystrobin 2.08SC may be used for scab control.  Applications may be made by ground, air or chemigation.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.

**Specific Use Restrictions:**

- 1) Do not apply more than 92.3 fl. oz. of product/A/season.
- 2) Do not apply more than 1.5 lbs. a.i./A/season of azoxystrobin-containing products.
- 3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Sugarcane	Brown Rust ( <i>Puccinia melanocephala</i> ) Orange Rust ( <i>Puccinia kuehnii</i> )	9.0-12.0 (0.15-0.20)	Willowood Azoxystrobin 2.08SC applications should begin prior to rust development, and continue throughout the season every 14-28 days following resistance management guidelines. Scout fields and begin applications at the earliest sign of rust. An adjuvant may be used at recommended rates. For ground applications, apply Willowood Azoxystrobin 2.08SC in sufficient water volume for adequate coverage and canopy penetration. Applications may be made by ground, air or chemigation.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicide, before alternation with

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
			a fungicide that is not in Group 11. Do not make more than four foliar applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicide per acre per year.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 0.80 lb. a.i./A per season azoxystrobin-containing products.</li> <li>2) Do not apply within 30 days of harvest (30-day PHI).</li> <li>3) When applying by air, use no less than 5 gallons spray solution per acre</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Tobacco	Blue Mold ( <i>Peronospora tabacina</i> ) Frogeye Leaf Spot ( <i>Cercospora nicotianae</i> ) Target Spot ( <i>Rhizoctonia solani</i> )	6.0-12.0 (0.1-0.2)	<p>Willowood Azoxystrobin 2.08SC applications should begin prior to disease development or at first indication that blue mold is in the area. Do not apply Willowood Azoxystrobin 2.08SC as a curative application. If blue mold is present in the field, initiate applications with Acrobat MZ® prior to an Willowood Azoxystrobin 2.08SC application. Apply on a 7- to 14-day interval with shorter intervals under conditions conducive to disease development. For ground applications, apply Willowood Azoxystrobin 2.08SC in sufficient water volume for adequate coverage and canopy penetration. For aerial application, volumes should be 10-15 GPA. Applications may be made by ground, air or chemigation. Do not apply Willowood Azoxystrobin 2.08SC on greenhouse seedlings. Do not tank mix with Thiodan. Tank mixing Willowood Azoxystrobin 2.08SC with insecticides formulated as emulsifiable concentrates (EC) or containing high amounts of solvents, may cause crop injury.</p> <p>Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.</p> <p>NOTE: Willowood Azoxystrobin 2.08SC may enhance weather</p>

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
			flecking on the leaves of certain tobacco types. This does not affect yield and quality.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 32 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 0.52 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Tomatoes</b> <b>Tomatillos</b> <b>Subgroup 8-10A</b>  Including all cultivars and/or hybrids of these.  See complete list of tomato crops below.	Anthracnose ( <i>Colletotrichum coccodes</i> ) Black Mold ( <i>Alternaria alternata</i> ) Buckeye Rot ( <i>Phytophthora</i> spp.) Early Blight ( <i>Alternaria solani</i> ) Powdery Mildew ( <i>Oidiopsis sicula</i> ) Septoria Leaf Spot ( <i>Septoria lycopersici</i> ) Target Spot ( <i>Corynespora cassiicola</i> )	5.0-6.2 (0.08-0.10)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season following the resistance management guidelines. For late blight, Willowood Azoxystrobin 2.08SC should be applied at 5- to 7-day intervals. For all other tomato diseases, Willowood Azoxystrobin 2.08SC should be applied on 7- to 21-day intervals.  Applications may be made by ground air or chemigation.  Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
	Late Blight ( <i>Phytophthora infestans</i> )	6.2 (0.10)	Under certain weather conditions (particularly high temperatures) Willowood Azoxystrobin 2.08SC in combination with high rates of silicone-based or oil containing (petroleum or crop) additives or adjuvants may cause injury. Do not exceed 0.125% adjuvant (v/v). Consult a Willowood, LLC representative for more information concerning additives or adjuvants.  A tank mixture with Dimethoate may cause crop injury.
<b>Complete List of Tomato Crops:</b> Bush Tomato; Cocona; Currant Tomato; Garden Huckleberry; Goji Berry; Groundcherry; Naranjilla; Sunberry; Tomatillo; Tomato; Tree Tomato; cultivars, varieties, and/or hybrids of these.			
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 37 fl. oz. of product/A/season.</li> </ol>			



- 2) Do not apply more than 0.6 lb. a.i./A/season of azoxystrobin-containing products.
- 3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Tree Nuts</b>  Beechnut Brazil Nut Butternut Cashew Chestnut Chinquapin Filbert Hickory Macadamia Pecan Walnut  Almonds, Pistachios (see specific use instructions)	Alternaria Leaf and Fruit Spot ( <i>Alternaria</i> <i>alternata</i> ) Anthracnose ( <i>Colletotrichum</i> <i>acutatum</i> , <i>Glomerella</i> <i>cingulata</i> ) Eastern Filbert Blight ( <i>Anisogramma</i> <i>anomale</i> ) Late Blight ( <i>Alternaria</i> <i>alternata</i> ) Scab ( <i>Cladosporium</i> <i>carpophilum</i> ) Septoria Leaf Spot ( <i>Septoria pistaciarum</i> ) Shot Hole ( <i>Wilsonomyces</i> <i>carpophilus</i> ) Blossom Blight ( <i>Monilinia laxa</i> , <i>M.</i> <i>fruticola</i> )	6.0-12.0 (0.10-0.20)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  For all other diseases begin applications prior to disease development and continue at 7- to 21-day intervals throughout the season.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.  For blossom blight, begin applications at early bloom and continue through petal fall.

**Specific Use Restrictions:**

- 1) Do not apply more than 73.8 fl. oz. of product/A/season.
- 2) Do not apply more than 1.2 lbs. a.i./A/season of azoxystrobin-containing products.
- 3) Do not apply within 45 days of harvest (45-day PHI).

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Tropical Fruit</b>  Acerola Atemoya Avocado Biriba Canistel Cherimoya Custard Apple Dragon Fruit Feijoa Guava Llana	Anthracnose ( <i>Colletotrichum</i> spp.) Cercospora Leaf Spot ( <i>Cercospora</i> spp.) Powdery Mildew ( <i>Erysiphe</i> spp.) Rust ( <i>Puccinia</i> spp.)	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season on a 10- to 14-day schedule, following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Follow the resistance management guidelines in the Resistance Management Section. Do not apply

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Jaboticaba Jackfruit Longan Loquat Lychee Mango Papaya Passionfruit Pawpaw Persimmon Pulasan Rambutan Sapodilla Sapote, Black Sapote, Mamey Sapote, White Soursop Star Apple Starfruit Sugar Apple Spanish Lime Tamarind	<b>Soilborne Diseases</b> Seedling Root Rot, Basal Stem Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.  For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 92.3 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.5 lbs. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Vegetables, Leaves of Root and Tuber Group and Root Subgroup</b>  Beet, Garden and Sugar <sup>1,2</sup> Burdock <sup>1,2</sup> Carrot <sup>1,2</sup> Cassava, Bitter and Sweet <sup>1</sup> Celeriac (celery root) <sup>1,2</sup> Chervil, Turnip- Rooted <sup>1,2</sup> Chicory <sup>1,2</sup> Dasheen (taro) <sup>1</sup> Ginseng <sup>2</sup> Horseradish <sup>2</sup> Parsley, Turnip-Rooted <sup>2</sup> Parsnip <sup>1,2</sup>	<b>Foliar Diseases</b> Alternaria Leaf Spot ( <i>Alternaria spp.</i> , <i>A. alternata</i> ) Ascochyta Leaf Spot ( <i>Ascochyta cynarae</i> ) Rust ( <i>Uromyces betae</i> , <i>Puccinia helianthi</i> ) White Rust ( <i>Albugo tragopogonis</i> )  Cercospora Leaf Spot ( <i>Cercospora betae</i> , <i>C. pastinaceae</i> ) Powdery Mildew ( <i>Erysiphe polygoni</i> , <i>Leveillula taurica</i> )	6.0-20.0 (0.10-0.33)          9.0-15.5 (0.15-0.25)	For powdery mildew, make preventative applications on a 5- to 7-day schedule. For all other diseases, Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season every 7-14 days following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Radish <sup>1,2</sup> Radish, Oriental (daikon) <sup>1,2</sup> Rutabega <sup>1,2</sup> Salsify <sup>2</sup> Salsify, Black <sup>1,2</sup> Salsify, Spanish <sup>2</sup> Skirret <sup>2</sup> Sweet Potato <sup>1</sup> Tanier <sup>1</sup> Turnip <sup>1,2</sup> Yam, True <sup>1</sup>	<b>Soilborne Diseases</b> Circular Spot, Southern Blight ( <i>Sclerotium rolfsii</i> ) Pythium Root Rot ( <i>Pythium aphanidermatum</i> ) Rhizoctonia Stem Canker, Crown Rot ( <i>Rhizoctonia solani</i> )	0.40-0.80 fl. oz./1000 row feet	For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.  <b>For sugar beets</b> apply 3-7 inch banded applications in a minimum of 10 gallons per acre at the 2- to 8-leaf stage. Do not apply as a dribble application over the seed row. Tank mixtures of Willowood Azoxystrobin 2.08SC with crop oil concentrates (COC) or methylated spray oil (MSO) may result in crop injury. If cool soil conditions are expected after planting which could result in an extended period of plant emergence, Willowood Azoxystrobin 2.08SC should not be applied in-furrow. If using Willowood Azoxystrobin 2.08SC at the time of planting, do not use a starter fertilizer with it.
<sup>1</sup> =Vegetable leaves of root and tuber subgroup <sup>2</sup> =Root vegetable subgroup			
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 123 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 2.0 lbs. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Apply as an in-furrow spray in a minimum of 10 gallons per acre.</li> <li>4) Willowood Azoxystrobin 2.08SC may be applied the day of harvest (0-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
<b>Vegetables, Tuberous and Corm Subgroup</b>	<b>Foliar Diseases</b>		
Arracacha Arrowroot Artichoke, Chinese and Jerusalem Canna, Edible Cassava, Edible, Bitter and Sweet Chayote (root) Chufa Dasheen (Taro) Ginger Leren Potato Sweet Potato	Alternaria Leaf Spot ( <i>Alternaria</i> spp., <i>A. Alternata</i> ) Ascochyta Leaf Spot ( <i>Ascochyta cynarae</i> ) Rust ( <i>Uromyces betae</i> , <i>Puccinia helianthi</i> ) White Rust ( <i>Albugo tragopogonis</i> )	6.0-20.0 (0.10-0.33)	For powdery mildew, make preventative applications on a 5- to 7-day schedule. For all other diseases, Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season every 7-14 days following the resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.
	Cercospora Leaf Spot ( <i>Cercospora betae</i> , <i>C. pastinaceae</i> ) Powdery Mildew ( <i>Erysiphe polygoni</i> , <i>Leveillula taurica</i> )	9.0-15.5 (0.15-0.25)	Do not apply more than one application of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Tanier Turmeric Yam, Bean Yam, True	<b>Soilborne Diseases</b> Circular Spot, Southern Blight ( <i>Sclerotium rolfsii</i> ) Rhizoctonia Stem Canker, Crown Rot ( <i>Rhizoctonia solani</i> ) Pythium Root Rot ( <i>Pythium</i> <i>aphanidermatum</i> )	0.40-0.80 fl. oz./1000 row feet	a fungicide that is not in Group 11. For soilborne/seedling disease control, see directions and rates under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 123 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 2.0 lbs. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 14 days of harvest (14-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Watercress	Cercospora Leaf Spot ( <i>Cercospora</i> spp.)	6.0-15.5 (0.10-0.25)	Willowood Azoxystrobin 2.08SC applications should begin prior to disease development and continue throughout the season on a 7- to 10- day schedule, following resistance management guidelines. Applications may be made by ground, air or chemigation. An adjuvant may be added at specified rates.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicides before alternation with a fungicide that is not in Group 11.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply more than 93.2 fl. oz. of product/A/season.</li> <li>2) Do not apply more than 1.5 lbs. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 7 days of harvest (7-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Cereals  Wheat Triticale	Leaf Rust ( <i>Puccinia triticina</i> = <i>Puccinia recondite</i> f.sp. <i>tritici</i> ) Septoria Leaf and Glume Blotch ( <i>Septoria tritici</i> , <i>Septoria nodorum</i> ) Stem Rust ( <i>Puccinia graminis</i> ) Stripe Rust ( <i>Puccinia striiformis</i> ) Tan Spot ( <i>Pyrenophora tritici-repentis</i> )	4.0-12.0 (0.07-0.20)	Willowood Azoxystrobin 2.08SC should be applied prior to disease development. Applications may be made by ground, air or chemigation. A crop oil concentrate adjuvant may be added at 1.0% v/v to optimize efficacy.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicide before alternation with a fungicide that is not in Group 11. Do not make more than two applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicide per season.
	Powdery Mildew ( <i>Erysiphe graminis</i> )	7.5-11.0 (0.125-0.175)	
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not apply after Feekes 10.54.</li> <li>2) Do not apply more than 0.40 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>3) Do not apply within 7 days (7-day PHI) for forage and hay.</li> <li>4) Do not apply within 14 days of grazing (14-day PHI).</li> </ol>			

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
Wild Rice	Brown Spot ( <i>Bipolaris oryzae</i> or <i>Bipolaris sorokiana</i> )  Also known as <i>Helminthosporium oryzae</i> and <i>H. sativum</i> )  Stem Rot ( <i>Nakataea sigmoidea</i> )	12.5-15.5 (0.20-0.25)	Willowood Azoxystrobin 2.08SC should be applied prior to disease development. Applications may be made by ground, air or chemigation. For aerial application, volumes should be 5-10 GPA. An adjuvant may be added at specified rates.  For foliar diseases, apply Willowood Azoxystrobin 2.08SC prior to disease development. Apply during tillering, boot, early heading, or at initial sign of disease. Under heavy disease pressure and conditions favorable for disease development, a second application may be applied.  Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC or other Group 11 fungicide before alternation with a fungicide that is not in Group 11. Do not make more than two applications of Willowood Azoxystrobin 2.08SC or

Crop	Target Diseases	Use Rate fl. oz. product/A (lb. a.i./A)	Remarks
			other Group 11 fungicide per season.
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not treat wild rice fields used for aquaculture of fish and crustaceans.</li> <li>2) Do not apply when weather conditions favor drift from treated areas to non-target aquatic habitat. Applicators should use care in making applications near non-target aquatic habitats.</li> <li>3) Do not apply more than 0.70 lb. a.i./A/season of azoxystrobin-containing products.</li> <li>4) Do not allow release of irrigation or flood water for at least 14 days after the last application.</li> <li>5) Do not apply within 28 days of harvest (28-day PHI).</li> </ol>			

**Willowood Azoxystrobin 2.08SC Rate Conversion Chart**

Fl. oz. Product/A	Lb. a.i./A	Treated Acres/Gal. Product
4.0	0.07	32.0
5.0	0.08	25.6
5.5	0.09	23.2
6.0	0.10	21.3
6.2	0.10	21.3
7.0	0.11	18.3
8.5	0.14	15.4
9.0	0.15	14.2
9.2	0.15	14.2
10.0	0.16	13.0
11.0	0.18	11.6
12.0	0.20	10.4
12.3	0.20	10.4
13.0	0.21	9.8
14.0	0.23	9.1
15.4	0.25	8.3
15.5	0.25	8.3
18.3	0.30	6.9
18.5	0.30	6.9
20.0	0.33	6.4
20.3	0.33	6.4
24.5	0.40	5.2

#### POST HARVEST APPLICATIONS

Crop	Target Diseases	Use Rate	Remarks
<b>Bananas Plantains</b>	Crown Rot/Crown Mold ( <i>Colletotrichum musae</i> , <i>Fusarium pallidoroseum</i> , <i>Acremonium</i> spp., <i>Ceratocystis paradoxa</i> , <i>Glomerella cingulate</i> , <i>Penicillium</i> spp.)	200-400 ppm solution	Apply Willowood Azoxystrobin 2.08SC as a single application of a 200-400 ppm solution to achieve good coverage. The application may be made as a spray, dip or may be painted onto the cut ends of the bananas. Application of the 200 ppm rate is appropriate for short distance transportation (e.g., within the USA). When a longer time in transport is expected (export), use the 300-400 ppm rate. If alum (1% w/v) is added

Crop	Target Diseases	Use Rate	Remarks								
			<p>to the spray solution, stir the suspension frequently as sedimentation and flocculation may occur. Addition of a non-ionic surfactant (0.10% v/v) may improve the compatibility of this mixture.</p> <p><b>Amount of Willowood Azoxystrobin 2.08SC to Mix 100 Gallons for Post-Harvest Banana Applications</b></p> <table><tr><th>Willowood Azoxystrobin 2.08SC Use Rate</th><th>100.0 gal. Spray Solution</th></tr><tr><td>200 ppm</td><td>11 fl. oz.</td></tr><tr><td>300 ppm</td><td>15 fl. oz.</td></tr><tr><td>400 ppm</td><td>21 fl. oz.</td></tr></table>	Willowood Azoxystrobin 2.08SC Use Rate	100.0 gal. Spray Solution	200 ppm	11 fl. oz.	300 ppm	15 fl. oz.	400 ppm	21 fl. oz.
Willowood Azoxystrobin 2.08SC Use Rate	100.0 gal. Spray Solution										
200 ppm	11 fl. oz.										
300 ppm	15 fl. oz.										
400 ppm	21 fl. oz.										

**Specific Use Restrictions:**

- 1) Do not make more than one application to bananas as post-harvest treatment.
- 2) Willowood Azoxystrobin 2.08SC may be degraded by exposure to direct sunlight. Do not store treated fruit in direct sunlight.

Crop	Target Diseases	Use Rate	Remarks
<p><b>Citrus Fruit Crop Group 10-10</b></p> <p>Calamondin Citron Citrus Hybrids Grapefruit Kumquat Lemon Lime Mandarin Orange (sour and sweet) Pummelo Satsuma Mandarin Tangerine Uniq Fruit Hybrid</p> <p>Including all cultivars and/or hybrids of these</p> <p>See complete list of citrus fruit crops below.</p>	<p>Penicillium Decays Green Mold, Whisker Mold, Suppression of Blue Mold (<i>Penicillium</i> spp.) Diplodia Stem-End Rot (<i>Diplodia natalensis</i>) Phomopsis Stem-End Rot (<i>Phomopsis citrii</i>)</p>	<p>See Remarks</p>	<p>Use Willowood Azoxystrobin 2.08SC as a dip, drench, flood, or spray for the control of certain post-harvest diseases.</p> <p><b>For high volume (dilute) applications:</b> Mix 32-64 fl. oz. of Willowood Azoxystrobin 2.08SC in 25-100 gallons of an appropriate water, wax/oil emulsion, or aqueous dilution of a wax/oil emulsion for the crop being treated. Use T-Jet, flooders, or similar application systems.</p> <p><b>For low volume (concentrate) applications:</b> Mix 32-64 fl. oz. of Willowood Azoxystrobin 2.08SC in 7-25 gallons of water, wax/oil emulsion, or aqueous dilution of wax/oil emulsion for the crop being treated. Apply to 250,000 lbs. of fruit. Use a controlled-droplet type of applicator or similar system.</p> <p><b>For dip applications:</b> Mix 32-64 fl. oz. of Willowood Azoxystrobin 2.08SC in 100 gallons of water, wax/oil emulsion, or aqueous dilution of wax/oil emulsion. Dip for approximately 30 seconds and allow</p>

Crop	Target Diseases	Use Rate	Remarks
			fruit to drain. For maximum decay control, treat citrus fruit once before storage and once after storage, just prior to marketing.
<b>Complete List of Citrus Fruit Crops:</b> Australian Desert Lime ( <i>Eremocitrus glauca</i> ); Australian Finger Lime ( <i>Microcitrus australasica</i> ); Australian Round Lime ( <i>Microcitrus australis</i> ); Brown River Finger Lime ( <i>Microcitrus papuana</i> ); Calamondin ( <i>Citrofortunella microcarpa</i> ); Citron ( <i>Citrus medica</i> ); Citrus Hybrids, <i>Citrus</i> spp., <i>Eremocitrus</i> spp., <i>Fortunella</i> spp., <i>Microcitrus</i> spp., and <i>Poncirus</i> spp., Grapefruit ( <i>Citrus paradise</i> ); Japanese Summer Grapefruit ( <i>Citrus natsudaia</i> ); Kumquat ( <i>Fortunella</i> spp.); Lemon ( <i>Citrus limon</i> ); Lime ( <i>Citrus aurantiifolia</i> ); Mediterranean Mandarin ( <i>Citrus deliciosa</i> ); Mount White Lime ( <i>Microcitrus garrowayae</i> ); New Guinea Wild Lime ( <i>Microcitrus warburgiana</i> ); Orange, Sour ( <i>Citrus aurantium</i> ); Orange, Sweet ( <i>Citrus sinensis</i> ); Pummelo ( <i>Citrus maxima</i> ); Russell River Lime ( <i>Microcitrus inodora</i> ); Satsuma Mandarin ( <i>Citrus unshiu</i> ); Sweet Lime ( <i>Citrus limetta</i> ); Tachibana Orange ( <i>Citrus tachibana</i> ); Tahiti Lime ( <i>Citrus latifolia</i> ); Tangelo ( <i>Citrus x tangelo</i> ); Tangerine (Mandarin) ( <i>Citrus reticulata</i> ); Tangor ( <i>Citrus nobilis</i> ); Trifoliate Orange ( <i>Poncirus trifoliate</i> ); Uniq Fruit ( <i>Citrus aurantium</i> Tangelo group); cultivars, varieties and/or hybrids of these.			
<b>Specific Use Restrictions:</b> <ol style="list-style-type: none"> <li>1) Do not make more than two applications to citrus fruit as post-harvest treatments.</li> <li>2) Willowood Azoxystrobin 2.08SC may be degraded by exposure to direct sunlight. Do not store treated fruit in direct sunlight.</li> </ol>			

#### Tuberous and Corm Vegetable Subgroup 1C – Post Harvest

Arracacha; Arrowroot; Artichoke, Chinese; Artichoke, Jerusalem; Canna, Edible; Cassava, Bitter and Sweet; Chayote (root); Chufa; Dasheen; Ginger; Leren; Potato; Sweet Potato; Tanier; Turmeric; Yam Bean; Yam, True.

Use Willowood Azoxystrobin 2.08SC as a post-harvest spray for the control of certain post-harvest rots caused by Silver Scurf (*Helminthosporium solani*), *Fusarium* species, Late Blight (*Phytophthora infestans*), and Pink Rot (*Phytophthora erythroseptica*).

Application Method	Disease	Rate (fl. oz.)	Remarks
In-Line Aqueous Spray Application	Silver Scurf Fusarium Dry Rot Late Blight Pink Rot	0.6 fl. oz./ton of tubers	<ul style="list-style-type: none"> <li>• Ensure proper coverage of the tubers. Tubers should be tumbling as they are treated.</li> <li>• Mix the fungicide solution in an appropriate amount of water for the crop being treated.</li> <li>• Use T-Jet, CDA, or similar application system.</li> </ul>
<b>Do not make more than one post-harvest application to the tubers.</b>			
<b>Specific Use Restrictions:</b> <ul style="list-style-type: none"> <li>• Do not use on seed potatoes or seed pieces.</li> <li>• Ensure the Willowood Azoxystrobin 2.08SC solution remains in suspension by using agitation.</li> </ul>			



## TURF

Golf course turf (not for use in California).

Commercial turf farms (not for use in California).

Willowood Azoxystrobin 2.08SC is recommended for control of anthracnose, brown patch, cool weather brown patch (yellow patch), Fusarium patch, gray leaf spot, gray snow mold (Typhula blight), leafspot, melting out, necrotic ring spot, pink patch, pink snow mold, Pythium blight, Pythium root rot, red thread, Rhizoctonia large patch, southern blight, spring dead spot, summer patch, take-all patch, and Zoysia patch on golf courses, lawns and landscape areas around residential, institutional, public, commercial and industrial buildings, parks, recreational areas and athletic fields.

**Integrated Pest (Disease) Management:** Sound turf management resulting in healthy, vigorous turf is the foundation of a good IPM program. Cultural practices such as proper choice of turf variety, nutrient management, proper cutting height, thatch management, and proper watering, drainage, and moisture stress management should be integrated with the use of fungicides to increase turf vigor and reduce the susceptibility to disease. Immunoassay detection kits and extension service diagnostic services can assist in the early and accurate identification of causal organisms and corresponding selection of the proper fungicide when required.

**Resistance Management:** Some turf disease pathogens are known to have developed resistance to products used repeatedly for their control. Willowood Azoxystrobin 2.08SC should be applied in a tank mix or alternation program with other registered fungicides that have a different mode of action and to which pathogen resistance has not developed. Do not apply more than two sequential Willowood Azoxystrobin 2.08SC applications for *Pythium* spp. control. For all other diseases when *Pythium* spp. is not present, do not apply more than three sequential applications of Willowood Azoxystrobin 2.08SC.

**Application Directions:** Willowood Azoxystrobin 2.08SC should be applied prior to disease development. Mix Willowood Azoxystrobin 2.08SC with the required amount of water and apply as a dilute spray application in 2-4 gallons of water per 1000 square feet (87-174 gallons per acre). Repeat applications at specified intervals for as long as required. For spot treatments, use 0.4 fl. oz. Willowood Azoxystrobin 2.08SC per 1 to 2 gallons of water. Do not apply more than 9.6 quarts product/acre/year (7.1 fl. oz. product/1000 square feet/year). Applications may be made by ground only.

**Rate Ranges:** Use the shortest specified application interval and/or use the higher specified rate when prolonged favorable disease conditions exist.

**Dollar Spot:** Willowood Azoxystrobin 2.08SC does not control dollar spot. Willowood Azoxystrobin 2.08SC is compatible in tank mixes with many other fungicides that control dollar spot. Always tank mix Willowood Azoxystrobin 2.08SC with another fungicide that controls dollar spot when this disease is present. Follow directions under TANK MIXES/COMPATIBILITY above.

### DIRECTIONS FOR APPLICATION FOR TURF DISEASES

Target Diseases	Use Rate (fl. oz. product per 1000 sq. ft.)	Application Interval (days)	Remarks*
Anthracnose ( <i>Colletotrichum graminicola</i> )	0.38-0.77	14-28	Apply when conditions are favorable for disease development.
Brown Patch ( <i>Rhizoctonia solani</i> )	0.38-0.77	14-28	Apply when conditions are favorable for disease development.
Cool weather brown patch Yellow patch ( <i>Rhizoctonia cerealis</i> )	0.38-0.77	28	Make one or two applications in fall or when conditions are favorable for disease development.
Fusarium patch ( <i>Microdochium nivale</i> )	0.38-0.77	14-28	Apply when conditions are favorable for disease development.
Gray Leaf Spot ( <i>Pyricularia grisea</i> )	0.38-0.77	14-28	Begin applications before disease is present and continue applications while conditions are favorable for

Target Diseases	Use Rate (fl. oz. product per 1000 sq. ft.)	Application Interval (days)	Remarks*
			disease development.
Gray snow mold	1.35	Single application 14	Make a single application of 1.35 fl. oz. or two applications of 0.77 spaced 14 days apart in late fall just before snow cover. Tank mixing with another snow mold fungicide may enhance control under severe disease pressure.
Typhula blight ( <i>Typhula incarnata</i> , <i>T. ishikariensis</i> )	0.77		
Leafspot ( <i>Bipolaris sorokiniana</i> )	0.38-0.77	14-21	Apply when conditions are favorable for disease development.
Melting out ( <i>Drechslera poae</i> )	0.38-0.77	14-21	Apply when conditions are favorable for disease development.
Necrotic ring spot ( <i>Leptosphaeria korrae</i> )	0.38-0.77	14-28	Apply when conditions are favorable for disease development.
Pink patch ( <i>Limonomyses roseipellis</i> )	0.38-0.77	14-28	Apply when conditions are favorable for disease development.
Pink snow mold ( <i>Microdochium nivale</i> )	1.35 0.77	Single application 14	Make a single application of 1.35 fl. oz. or two applications of 0.77 spaced 14 days apart in late fall just before snow cover. Tank mixing with another snow mold fungicide may enhance control under severe disease pressure.
Pythium blight Pythium root rot ( <i>Pythium aphanidermatum</i> , <i>Pythium</i> spp.)	0.38-0.77	10-14	Begin applications before disease is present. During periods of prolonged favorable conditions, treat on the 10 day application interval. For use on newly seeded as well as established turf.
Red thread ( <i>Laetisaria fuciformis</i> )	0.38-0.77	14-28	Apply when conditions are favorable for disease development.
Rhizoctonia large patch ( <i>Rhizoctonia solani</i> )	0.38-0.77	28	Make one or two applications in fall or when conditions are favorable for disease development.
Southern blight ( <i>Sclerotium rolfsii</i> )	0.38-0.77	14-28	Apply when conditions are favorable for disease development.
Spring dead spot ( <i>Leptosphaeria korrae</i> ) or ( <i>Gaeumannomyces graminis</i> var. <i>graminis</i> ) or ( <i>Ophiosphaerella herpotricha</i> )	0.38-0.77	28	Make one or two applications in fall or when conditions are favorable for disease development.
Summer patch ( <i>Magnaporthe poae</i> )	0.38-0.77	14-28	Apply when conditions are favorable for disease development.
Take-all patch ( <i>Gaeumannomyces graminis</i> var. <i>avenae</i> )	0.38-0.77	28	Make two applications 28 days apart in the spring and two applications 28 days apart in the fall.
Zoysia patch ( <i>Rhizoctonia solani</i> and/or <i>Gaeumannomyces incrustana</i> )	0.38-0.77	28	Make one or two applications in late fall before snow cover or when conditions are favorable for disease development. Do not apply on top of snow.

Do not apply more than two sequential applications of Willowood Azoxystrobin 2.08SC for control of *Pythium* spp. For all other diseases, do not apply more than four sequential applications of Willowood Azoxystrobin 2.08SC.

**Willowood Azoxystrobin 2.08SC Rate Conversion Chart for Turf**

Fluid Ounces Product Per 1000 Sq. Ft.	Ounces A.I. Per 1000 Sq. Ft.	Fluid Ounces Product Per Acre	Pints of Product Per Acre
0.4	0.104	17.4	1.1
0.5	0.130	21.8	1.4
0.6	0.156	26.1	1.6
0.7	0.182	30.5	1.9
0.77	0.200	33.5	2.1
1.35	0.35	58.8	3.7

**Amount of Willowood Azoxystrobin 2.08SC to Mix 100 Gallons for Turf Applications**

Willowood Azoxystrobin 2.08SC Use Rate (fl. oz.)	Spray Volume (gallons/1000 square feet)		
	2.0 gals. (fl. oz.)	3.0 gals. (fl. oz.)	4.0 gals. (fl. oz.)
0.4	20	13	10
0.5	25	17	13
0.6	30	20	15
0.7	35	23	18
0.77	38.5	25.7	19.3
1.35	67.5	45	33.75

## SEED TREATMENT

### USE INFORMATION

Willowood Azoxystrobin 2.08SC is a broad spectrum, preventative fungicide with systemic and curative properties recommended for the control of many important plant diseases. Willowood Azoxystrobin 2.08SC may be applied in alternating programs or in tank mixes with other registered, crop protection products. All applications should be made according to the use directions that follow. Willowood Azoxystrobin 2.08SC may be applied as a seed treatment following the guidelines specified in the SEED TREATMENT TABLE section of this label.

### USE PRECAUTIONS

Do not graze or feed clippings from treated turf areas to animals. Do not plant the following crops for a period of 12 months (unless an azoxystrobin product is registered for use on that crop): sorghum, buckwheat, millet, oats, rye, wild rice, non-grass animal feeds (alfalfa, clover), spices and sugarcane. Azoxystrobin is registered for use on all other rotated crops and all other crops may be planted immediately after the last treatment.

### SEED TREATMENT PRECAUTIONS

To meet U.S. Federal Seed Act requirements, all seed treated with Willowood Azoxystrobin 2.08SC should be labeled:

#### TREATED SEED:

#### DO NOT USE FOR FOOD, FEED OR OIL PURPOSES.

Treated with methyl (E)-2-[2-[6-(2-cyanophenoxy)pyrimidin-4-yloxy]phenyl]-3-methoxyacrylate (Willowood Azoxystrobin 2.08SC).

## USE PRECAUTION

When using formulations that do not contain dye, a dye used to color the treated seed must be an EPA approved dye. Refer to 40 CFR 153.155(c). All seed treated with an economic poison must be colored to distinguish and prevent subsequent inadvertent use as a food for man or feed for animals.

## SEED TREATMENT USE INFORMATION

Apply Willowood Azoxystrobin 2.08SC at the recommended rate per 100 pounds of seed, using standard slurry or mist-type seed treatment equipment. Uniform application to seed is necessary to ensure seed safety and best disease protection. Seed should be sound and well cured prior to treatment. Product should be diluted with sufficient water to secure seed coverage. Consult a seed treatment specialist regarding slurry rates recommended for the crop to be treated with Willowood Azoxystrobin 2.08SC.

It is recommended that Willowood Azoxystrobin 2.08SC be combined with a Pythium-active seed treatment product to offer broad spectrum protection against the seed and seedling disease complex (*Rhizoctonia* spp. and *Pythium* spp.)

Crop	Target Diseases	Use Rate Fl. oz. product/ cwt. seed	Remarks
Canola	Seedborne Diseases Blackleg ( <i>Phoma lingam</i> ) Seedling Rhizoctonia damping-off ( <i>Rhizoctonia solani</i> ) Alternaria seedling blight ( <i>Alternaria</i> spp.)	1.5	
Cucurbits	Seedling Rhizoctonia damping-off ( <i>Rhizoctonia solani</i> ) General seed decay fungi	0.25-1.5	
Peanut	Seedborne diseases Rhizoctonia damping-off ( <i>Rhizoctonia solani</i> )	0.25-1.5	Suppression only
Potato	Black scurf & stem canker ( <i>Rhizoctonia solani</i> ) Silver scurf ( <i>Helminthosporium solani</i> )	0.31-1.5	For suppression of black scurf and stem canker and for protection against silver scurf.
Sunflower	Downy Mildew ( <i>Plasmopora halstedii</i> )	0.25-1.5	Apply Willowood Azoxystrobin 2.08SC at the recommended rate using standard slurry or mist-type seed treatment equipment. Uniform application to seed is necessary to ensure seed safety and best disease protection.
Rice	Seedborne fungi and early season diseases Sheath blight ( <i>Rhizoctonia solani</i> )	0.25-1.5	For protection against seedborne fungi and early season sheath blight.
Tomato	Seed decay and early season diseases Rhizoctonia damping-off ( <i>Rhizoctonia solani</i> )	0.25-1.5	For protection against seed decay and early season Rhizoctonia damping-off.
Wheat	Seedborne diseases Common bunt ( <i>Tilletia caries</i> ) Dwarf bunt ( <i>Tilletia controversa</i> )	0.25-1.5	For protection against seedborne diseases, common bunt and partial control of dwarf bunt.

Crop	Target Diseases	Use Rate Fl. oz. product/ cwt. seed	Remarks
<b>Non-Crop Uses</b>			
Flower Tree Seed	Seedborne diseases Rhizoctonia damping-off ( <i>Rhizoctonia solani</i> )	0.25-1.5	For early season protection against seedborne diseases and Rhizoctonia damping-off.
Ornamental Seed	Seedborne diseases Rhizoctonia damping-off ( <i>Rhizoctonia solani</i> )	0.25-1.5	For early season protection against seedborne diseases and Rhizoctonia damping-off.
Turfgrass	Seedborne diseases Rhizoctonia damping-off ( <i>Rhizoctonia solani</i> )	0.25-1.5	For early season protection against seedborne diseases and Rhizoctonia damping-off.

## STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

**PESTICIDE STORAGE:** Store in original containers only. Keep container closed when not in use. Do not store near food for feed. In case of spill on floor or paved surfaces, mop and remove to chemical waste storage area until proper disposal can be made if product cannot be used according to the label.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative of the nearest EPA Regional Office for guidance.

### CONTAINER DISPOSAL:

**[Nonrefillable Container (five gallons or less):]** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill or by incineration.

**[Nonrefillable Container (greater than five gallons):]** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill or by incineration.

## CONDITION OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials

or other influencing factors in the use of the product, which are beyond the control of Willowood, LLC or Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Willowood, LLC and Seller harmless for any claims relating to such factors.

Willowood, LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or Willowood, LLC, and Buyer and User assume the risk of any such use. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, WILLOWOOD, LLC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.**

To the extent consistent with applicable law, neither Willowood, LLC nor Seller shall be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF WILLOWOOD, LLC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF WILLOWOOD, LLC OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

Willowood, LLC and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of Willowood, LLC.

Ambush, Callisto, Halex, Plant Performance, Warrior with Zeon Technology are trademarks of a Syngenta Group Company.

Acrobat is a trademark of BASF Corporation.

Aliette and Phaser are trademarks of Bayer CropScience.

Botran is a trademark of Gowan Company.

Lorsban and Kelthane are trademarks of Dow AgroSciences, LLC.

Lannate is a trademark of DuPont Crop Protection.

M-Pede is a trademark of Mycogen Corporation.

Pounce is a trademark of FMC Corporation and Agrilliance, LLC.

Thiodan is a trademark of Universal Crop Protection Alliance, LLC.

[EPA approval date]